Executive Summary – Enforcement Matter – Case No. 41247 Huntsman Petrochemical LLC RN100219252 Docket No. 2011-0358-AIR-E

Order Type:

1660 Agreed Order

Findings Order Justification:

N/A

Media:

AIR

Small Business:

No

Location(s) Where Violation(s) Occurred:

Huntsman Port Neches, 6001 Highway 366, Port Neches, Jefferson County

Type of Operation:

Petrochemical plant

Other Significant Matters:

Additional Pending Enforcement Actions: Yes, Docket Nos. 2010-2023-AIR-E, 2010-

1929-AIR-E, 2010-1661-AIR-E, and 2010-1422-AIR-E.

Past-Due Penalties: No

Other: N/A

Interested Third-Parties: None

Texas Register Publication Date: May 20, 2011

Comments Received: No

Penalty Information

Total Penalty Assessed: \$20,000

Amount Deferred for Expedited Settlement: \$4,000 Amount Deferred for Financial Inability to Pay: \$0

Total Paid to General Revenue: \$8,000 Total Due to General Revenue: \$0

Payment Plan: N/A

SEP Conditional Offset: \$8,000

Name of SEP: Texas Air Research Center - Flare Minimization and Air Quality Modeling

Compliance History Classifications:

Person/CN - Average Site/RN - Average

Major Source: Yes

Statutory Limit Adjustment: Statutory Maximum Limit Adjustment \$3,475

Applicable Penalty Policy: September 2002

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Investigation Information

Complaint Date(s): N/A Complaint Information: N/A

Date(s) of Investigation: December 17, 2010 and January 5, 2011

Date(s) of NOE(s): February 14, 2011

Violation Information

- 1. Failed to prevent unauthorized emissions. Specifically, unauthorized emissions of 121 pounds ("lbs") of the volatile organic compound ("VOC") ethylene and 9 lbs of ethylene glycol were released from the F4 Incinerator Waste Gas Vent and 26 lbs of ethylene oxide were released from the F4 Reabsorber Vent in the F4 Ethylene Oxide Unit when an operator closed the valves that send material from the reabsorber to the refining column to 18% instead of 35% resulting in an avoidable emissions event (Incident No. 144824) that occurred on September 14, 2010 and lasted 22 minutes. Since this event could have been avoided by better operational practices, the demonstrations in 30 Tex. ADMIN. CODE § 101.222 necessary to present an affirmative defense were not met [30 Tex. ADMIN. CODE §§ 116.115(b)(2)(F) and (c) and 122.143(4), Federal Operating Permit No. O-01320, Special Conditions No. 15, New Source Review Permit No. 5972A, Special Conditions No. 1, and Tex. Health & Safety Code § 382.085(b)].
- 2. Failed to prevent unauthorized emissions. Specifically, unauthorized emissions of 1,286.94 lbs of the VOC ethylene and 43.75 lbs of carbon monoxide were released from Flare 3, Emissions Point Number UER037, in the A3 Ethylene Unit when house console operators mistakenly shut down Boiler HK-003 while attempting to bring Boiler HK-004 on-line resulting in an avoidable emissions event (Incident No. 148053) that occurred on December 1, 2010 and lasted one hour and 50 minutes. Since this event could have been avoided by better operational practices, the demonstrations in 30 Tex. ADMIN. CODE § 101.222 necessary to present an affirmative defense were not met [30 Tex. ADMIN. CODE §§ 116.115(b)(2)(F) and (c) and 122.143(4), Federal Operating Permit No. O-02288, Special Conditions No. 19, New Source Review Permit No. 19823, Special Conditions No. 1, and Tex. Health & Safety Code § 382.085(b)].

$Corrective \ Actions/Technical \ Requirements$

Corrective Action(s) Completed:

The Executive Director recognizes that the Respondent has implemented the following corrective measures at the Plant:

- a. By October 14, 2010, in order to prevent recurrence of incidents due to the same causes as those that caused Incident No. 144824:
- i. Updated operating procedures to manually control the set point on the Low Recycle Flow Reabsorber Vent Trip so that it trips at a higher level; and

Executive Summary – Enforcement Matter – Case No. 41247 Huntsman Petrochemical LLC RN100219252 Docket No. 2011-0358-AIR-E

- ii. Implemented split range level control on the reabsorber bottoms and synchronized the return wash water flow before the purification system is restarted.
- b. By February 23, 2011, in order to prevent recurrence of incidents due to the same causes as those that caused Incident No. 148053:
- i. Modified the Distributed Control System logic to change the boiler feed water auto start strategy to 90% of the boiler feed water controller output;
- ii. Modified the calculation blocks to show the boiler feed water pump capabilities which, in turn, more accurately reflects the spare capacity; and
- iii. Refurbished and calibrated the boiler feed water valve for full stroke.

Technical Requirements:

The Order will require the Respondent to implement and complete a Supplemental Environmental Project ("SEP"). (See SEP Attachment A)

Litigation Information

Date Petition(s) Filed: N/A
Date Answer(s) Filed: N/A
SOAH Referral Date: N/A
Hearing Date(s): N/A
Settlement Date: N/A

Contact Information

TCEQ Attorney: N/A

TCEQ Enforcement Coordinator: Trina Grieco, Enforcement Division,

Enforcement Team 5, MC R-13, (210) 403-4006; Laurie Eaves, Enforcement Division, MC 219, (512) 239-4495

TCEQ SEP Coordinator: Phillip Hampsten, SEP Coordinator, Enforcement Division, MC 219, (512) 239-6732

Respondent: Jordan Morgan, Director of Manufacturing, Huntsman Petrochemical

LLC, P.O. Box 847, Port Neches, Texas 77651-0847

Respondent's Attorney: N/A

Attachment A Docket Number: 2011-0358-AIR-E

SUPPLEMENTAL ENVIRONMENTAL PROJECT

Respondent: Huntsman Petrochemical LLC

Penalty Amount: Sixteen Thousand Dollars (\$16,000)

SEP Offset Amount: Eight Thousand Dollars (\$8,000)

Type of SEP: Contribution to Pre-Approved SEP

Third-Party Recipient: Texas Air Research Center

Project Name: Flare Minimization and Air Quality Modeling

Location of SEP: Jefferson County

The Texas Commission on Environmental Quality ("TCEQ") agrees to offset a portion of the administrative Penalty Amount assessed in this Agreed Order for Respondent to contribute to a Supplemental Environmental Project ("SEP"). The offset is equal to the SEP Offset Amount set forth above and is conditioned upon completion of the project in accordance with the terms of this Attachment A.

1. Project Description

A. Project

Respondent shall contribute the SEP Offset Amount to the Third-Party Recipient named above. The contribution will be to **Texas Air Research Center** for the *Flare Minimization and Air Quality Modeling* project. The contribution will be used in accordance with the Supplemental Environmental Project executed on October 30, 2009, between the Third-Party Recipient and the TCEQ (the "Project"). Specifically, the SEP Offset Amount will be used for advanced modeling involving utilizing optimization and plant-wide dynamic simulation to cause reductions in flaring during turnaround operations at industrial facilities. Flaring during turnaround operations (startups and shutdowns) at industrial facilities is a substantial source of both volatile organic compounds (VOCs) and highly reactive volatile organic compounds (HRVOCs), and flaring results in considerable loss of energy and resources. Reductions in VOC and HRVOC emissions are expected to occur primarily through reducing the duration of turnarounds and through recycling or reuse of materials that would otherwise be flared.

All dollars contributed will be used solely for the direct cost of the Project and no portion will be spent on administrative costs. The SEP will be done in accordance with all federal, state, and local environmental laws and regulations.

Respondent's signature affixed to this Agreed Order certifies that it has no prior commitment to make this contribution and that it is being contributed solely in an effort

Huntsman Petrochemical LLC Agreed Order - Attachment A

to settle this enforcement action. Respondent shall not profit in any manner from this SEP.

B. Environmental Benefit

This SEP will directly benefit the environment by reducing emissions into the airshed, thereby improving air quality for the community. This SEP will indirectly benefit the environment by conserving energy and resources through reuse and recycling. The SEP will provide information regarding potential viable air emission reductions strategies that will result in improvement of air quality. This SEP will also provide scientific insights regarding how emissions and meteorological conditions affect the air quality in the airshed.

C. Minimum Expenditure

Respondent shall contribute at least the SEP Offset Amount to the Third-Party Recipient and comply with all other provisions of this SEP.

2. Performance Schedule

Within 30 days after the effective date of this Agreed Order, Respondent must contribute the SEP Offset Amount to the Third-Party Recipient. Respondent shall mail a copy of the Agreed Order with the contribution to:

Texas Air Research Center at Lamar University Attention: George Talbert, Director P.O. Box 10613 Beaumont, Texas 77710

3. Records and Reporting

Concurrent with the payment of the SEP Offset Amount, Respondent shall provide the Enforcement SEP Coordinator with a copy of the check and transmittal letter indicating full payment of the SEP Offset Amount to the Third-Party Recipient. Respondent shall mail a copy of the check and transmittal letter to:

Texas Commission on Environmental Quality Enforcement Division Attention: SEP Coordinator, MC 219 P.O. Box 13087 Austin, Texas 78711-3087

4. Failure to Fully Perform

If Respondent does not perform its obligations under this SEP in any way, including full expenditure of the SEP Offset Amount and submittal of the required reporting described in Sections 2 and 3 above, the Executive Director ("ED") may require immediate payment of all or part of the SEP Offset Amount.

In the event the ED determines that Respondent failed to complete the project, Respondent shall remit payment for all or a portion of the SEP Offset Amount, as determined by the ED, and shall include on the check the docket number of this Agreed Order and a note that it is for reimbursement of a SEP. Respondent shall make the check payable to "Texas Commission on Environmental Quality" and shall mail it to:

Texas Commission on Environmental Quality Litigation Division Attention: SEP Coordinator, MC 175 P.O. Box 13087 Austin, Texas 78711-3087

5. Publicity

Any public statements concerning this SEP and/or project, made by or on behalf of Respondent must include a clear statement that **the project was performed as part of the settlement of an enforcement action brought by the TCEQ**. Such statements include advertising, public relations, and press releases.

6. Clean Texas Program

Respondent shall not include this SEP in any application made to TCEQ under the "Clean Texas" (or any successor) program(s). Similarly, Respondent may not seek recognition for this contribution in any other state or federal regulatory program.

7. Other SEPs by TCEQ or Other Agencies

The SEP Offset Amount identified in this Agreed Order has not been, and shall not be, included as a SEP for Respondent under any other Agreed Order negotiated with the TCEQ or any other agency of the state or federal government.

Penalty Calculation Worksheet (PCW) PCW Revision October 30, 2008 Assigned 22-Feb-2011 Screening 1-Mar-2011 EPA Due 11-Nov-2011 PCW 1-Mar-2011 RESPONDENT/FACILITY INFORMATION Respondent Huntsman Retrochemica LLG Reg. Ent. Ref. No. RN100219252 Facility/Site Region 10 Beaumont Major/Minor Source Major CASE INFORMATION Enf./Case ID No. 41247 No. of Violations 2 Docket No. 2011 0358 AIR-E Order Type 1660 Government/Non-Profit No Media Program(s) Air Enf. Coordinator Trina Grieco Multi-Media EC's Team Enforcement Team 5 Admin. Penalty \$ Limit Minimum Maximum \$10,000 Penalty Calculation Section TOTAL BASE PENALTY (Sum of violation base penalties) \$5,000 Subtotal 1 ADJUSTMENTS (+/-) TO SUBTOTAL 1 Subtotals 2-7 are obtained by multiplying the Total Base Penalty (Subtotal 1) by the indicated percentage. Compliance History 387,0% Enhancement Subtotals 2, 3, & 7 \$19,350 Enhancement for 12 NOVs with same/similar violations, 12 NOVs with dissimilar violations, seven orders with denial of liability, and seven Notes orders without denial of liability. Penalty reduction due to six Notice of Audit letters submitted and three disclosures of violation. Subtotal 4 Culpability No 0.0% Enhancement \$0 The Respondent does not meet the culpability criteria. Notes Good Faith Effort to Comply Total Adjustments Subtotal 5 \$875 **Economic Benefit** 0.0% Enhancement* Subtotal 6 \$0 Total EB Amounts Capped at the Total EB \$ Amount \$41 Approx. Cost of Compliance SUM OF SUBTOTALS 1-7 Final Subtotal \$23,475 OTHER FACTORS AS JUSTICE MAY REQUIRE Adjustment 0.0% \$0 Reduces or enhances the Final Subtotal by the indicated percentage Notes Final Penalty Amount \$23,475 STATUTORY LIMIT ADJUSTMENT Final Assessed Penalty \$20,000 DEFERRAL -\$4,000 20.0% Reduction Adjustment

Deferral offered for expedited settlement.

\$16,000

Reduces the Final Assessed Penalty by the indicted percentage. (Enter number only; e.g.

Notes

PAYABLE PENALTY

Docket No. 2011-0358-AIR-E

Respondent Huntsman Petrochemical LLC Case ID No. 41247

Reg. Ent. Reference No. RN100219252

Media [Statute] Air

Enf. Coordinator Trina Grieco

Policy Revision 2 (September 2002) PCW Revision October 30, 2008

Compliance History Worksheet

>> Compliance History Site Enhancement (Subtotal 2)

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	Written notices of violation ("NOVs") with same or similar violations as those in the current enforcement action (<i>number of NOVs meeting criteria</i>)	12	60%	
	Other written NOVs	12	24%	
	Any agreed final enforcement orders containing a denial of liability (number of orders meeting criteria)	7	140%	
Orders	Any adjudicated final enforcement orders, agreed final enforcement orders without a denial of liability, or default orders of this state or the federal government, or any final prohibitory emergency orders issued by the commission	7.	175%	en e
Judgments	Any non-adjudicated final court judgments or consent decrees containing a denial of liability of this state or the federal government (number of judgements or consent decrees meeting criteria)		0%	одд-решенализмоскоперево
and Consent Decrees	Any adjudicated final court judgments and default judgments, or non- adjudicated final court judgments or consent decrees without a denial of liability of this state or the federal government		0%	***************************************
Convictions	Any criminal convictions of this state or the federal government (number of counts)	0-1	0%	
Emissions	Chronic excessive emissions events (number of events)	0	0%	
Audits	Letters notifying the executive director of an intended audit conducted under the Texas Environmental, Health, and Safety Audit Privilege Act, 74th Legislature 1995 (number of audits for which notices were submitted)	5 17	-6%	оста да
	Disclosures of violations under the Texas Environmental, Health, and Safety Audit Privilege Act, 74th Legislature, 1995 (number of audits for which violations were disclosed)		-6%	
	P	lease Enter Yes or No		
	Environmental management systems in place for one year or more	No	0%	
Other	Voluntary on-site compliance assessments conducted by the executive director under a special assistance program	r No	0%	
	Participation in a voluntary pollution reduction program	No	0%	
	Early compliance with, or offer of a product that meets future state or federa government environmental requirements	No.	0%	,
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>Compliance Histo	ry Summary			
Compliance History Notes	Enhancement for 12 NOVs with same/similar violations, 12 NOVs with dissimilar orders with denial of liability, and seven orders without denial of liability. Penal to six Notice of Audit letters submitted and three disclosures of viola	ty reduction due		
	Total Adjustment Percentage	(Subtotals 2,	3, & 7)	387%

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Reg. Ent. Reference No.		PCVV REVISION OCLUDER 30, 2008
Media [Statute]		
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Reg. Ent. Reference No. RN100219252 Media [Statute] Air Enf. Coordinator. Trina Grieco Violation Number Rule Cite(s) 30 Tex. Admin. Code \$\frac{1}{2}\$ 116.115(b)(2)(F) and (c) and 122, 143(4). Federal Operating Permit No. 0-02288; Special Conditions No. 19, New Source Review Permit No. 19823, Special Conditions No. 1, and Tex. Health & Safety Code \$\frac{1}{2}\$ 322,085(b) Falled to prevent unauthorized emissions. Specifically, unauthorized emissions of 1,286-94 bes of the VOC citylene and 43.75 bs of carbon monoxide were released from Flare 3, Emissions Polint Number UER037, In the A3 Ethylene Unit when house console operators mistakenly whit down, Boller HK-003 while attempting to bring Boller HK-004 on-line resulting in an avoidable emissions event (Incident No. 148053) that occurred on December 1, 2010 and lasted one hour and 50 minutes. Since this event could have been avoided by better operational practices, the demonstrations in 30 Tex. Admin. Code \$\frac{1}{2}\$ 101.222 necessary to present an affirmative defense were not met. **Base Penalty** **Special Conditions No. 19, New Source Review Permit No. 148053) that of the No. 148053) that of the No. 148053 that of the No. 148053 that occurred on December 1, 2010 and lasted one hour and 50 minutes. Since this event could have been avoided by better operational practices, the demonstrations in 30 Tex. Admin. Code \$\frac{1}{2}\$ 101.222 necessary to present an affirmative defense were not met. **Parm** Release** Major** Moderate** Minor** Minor**
Reg. Ent. Reference No. RN100219252 Media [Statute] Air Enf. Coordinator Trina Grieco Violation Number Rule Cite(s) 30 Tex. Admin. Code \$§ 116 115(b)(2)(F) and (c) and 1.22, 143(4). Federal Operating Permit No. 0-02288; Special Conditions No. 19, New Source Review Permit No. 19823, Special Conditions No. 1, and Tex. Health & Safety Code \$ 382,085(b) Failed to prevent unauthorized emissions. Specifically, unauthorized emissions of 1,286-94 ibs of the VOC ethylene and 43.75 ibs of carbon monoxide were released from Flare 3, Emissions Point Number UER037, in the A3 Ethylene Unit when house console operators mistakenly shut down Boller HK-003 while attempting to bring. Boller HK-004-on-line resulting in an avoidable emissions event (Incident No. 148053) that occurred on December 1, 2010 and lasted one hour aid 50 minutes. Slince this event could have been avoided by better operational practices, the demonstrations in 30 Tex. Admin. Code § 101-222 necessary to present an affirmative defense were not met. **Base Penalty** \$10,000
Media [Statute] Air Enf. Coordinator. Trina Grieco Violation Number Rule Cite(s) 30 Tex. Admin. Code §§ 116.115(b)(2)(F) and (c) and 122,143(4). Federal Operating Permit No. 0-02288; Special Conditions No. 19, New Source Review Permit No. 19823; Special Conditions No. 1, and Tex. Health & Safety Code § 382,085(b) Falled to prevent unauthorized emissions. Specifically, unauthorized emissions of 1,286.94 lbs of the VOC ethylene and 43.75 lbs of carbon monoxide were released from Flare 3, Emissions Point Number UER037, in the A3 Ethylene Unit when house console operators mistakenly shut down Boller HK-003 while attempting to bring Boller HK-004 on-line resulting in an avoidable emissions event (Incident No. 148053) that occurred on December 1, 2010 and lasted one hour and 50 minutes. Since this event could have been avoided by better operational practices, the demonstrations in 30 Tex. Admin. Code § 101.222 necessary to present an affirmative defense were not met. Base Penalty \$10,000 >> Environmental, Property and Human Health Matrix Harm Release Major Moderate Minor
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Violation Description Boller HK-004 on line resulting in an avoidable emissions event (Incident No. 148053) that occurred on December 1, 2010 and lasted one hour and 50 minutes. Since this event could have been avoided by better operational practices, the demonstrations in 30 Tex. Admin. Code § 101.222 necessary to present an affirmative defense were not met. Base Penalty \$10,000 >> Environmental, Property and Human Health Matrix Harm Release Major Moderate Minor
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Base Penalty \$10,000 >> Environmental, Property and Human Health Matrix Harm Release Major Moderate Minor
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Harm Release Major Moderate Minor
OR Actual
OR Actual X Potential Percent 25%
The state of the s
>>Programmatic Matrix Falsification Major Moderate Minor
Percent 0%
Matrix Human health or the environment has been exposed to insignificant amounts of contaminants that
Notes did not exceed protective levels; as a result of the violation.
Adjustment \$7,500
\$2,500
Violation Events
Number of Violation Events 대표 기계 Number of Violation days
weekly
mark only one mark only one
with an x Semiannials \$2,500
annua
single event.
One quarterly event is recommended.
Good Faith Efforts to Comply 10.0% Reduction \$250
Before NOV NOV to EDPRP/Settlement Offer
Extraordinary
Ordinary (mark with x)
The Respondent completed corrective actions on
Notes February 23, 2011, after the February 14, 2011 NOE date
and prior to the settlement offer.
Violation Subtotal \$2,25
Violation Subtotal \$2,25
Violation Subtotal \$2,250 Economic Benefit (EB) for this violation Statutory Limit Test
Violation Subtotal \$2,25

	E	conomic	Benefit V	Vorl	ksheet		
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Delayed Costs			FR 41 7 6 52 52 52 51 1 1 2 5 5 5 5 5 5			, , , , , , , , , , , , , , , , , , , ,	
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Engineering/construction	24 7-35-11-050			0.00	\$0	\$0	\$0
Land	.90 Y 5			0.00	<u> \$0</u>	a tronya sa sa	\$0
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Avoided Costs	ANNUAL	IZE [1] avoided	l costs before ei	ntering	item (except	for one-time avoi	ded costs)
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Inspection/Reporting/Sampling	:in we play the			0.00	\$0	\$0.00	\$0
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					······ <u>T T </u>	7.7	\$0 \$0

Compliance History Customer/Respondent/Owner-Operator: CN603603093 Huntsman Petrochemical LLC Classification: AVERAGE Rating: 9.61 Regulated Entity: RN100219252 **HUNTSMAN PORT NECHES** Classification: AVERAGE Site Rating: 26.24 ID Number(s): AIR OPERATING PERMITS ACCOUNT NUMBER JE0052V AIR OPERATING PERMITS PERMIT 1320 AIR OPERATING PERMITS PERMIT 2286 AIR OPERATING PERMITS PERMIT 2287 AIR OPERATING PERMITS PERMIT 2288 AIR OPERATING PERMITS **PERMIT** 1327 AIR OPERATING PERMITS PERMIT 3056 POLLUTION PREVENTION PLANNING ID NUMBER P00679 PETROLEUM STORAGE TANK REGISTRATION 35486 REGISTRATION PETROLEUM STORAGE TANK REGISTRATION 40711 REGISTRATION PETROLEUM STORAGE TANK REGISTRATION 79935 REGISTRATION AIR NEW SOURCE PERMITS AFS NUM 4824500006 AIR NEW SOURCE PERMITS REGISTRATION 93667 AIR NEW SOURCE PERMITS REGISTRATION 94579 AIR NEW SOURCE PERMITS REGISTRATION 92256 AIR NEW SOURCE PERMITS REGISTRATION 91597 AIR NEW SOURCE PERMITS PERMIT PSDTX780 AIR NEW SOURCE PERMITS REGISTRATION 91994 AIR NEW SOURCE PERMITS REGISTRATION 91725 AIR NEW SOURCE PERMITS PERMIT 29516 AIR NEW SOURCE PERMITS REGISTRATION 51736 AIR NEW SOURCE PERMITS REGISTRATION 52715 AIR NEW SOURCE PERMITS REGISTRATION 54551 AIR NEW SOURCE PERMITS REGISTRATION 54565 AIR NEW SOURCE PERMITS REGISTRATION 44034 AIR NEW SOURCE PERMITS REGISTRATION 44434 AIR NEW SOURCE PERMITS REGISTRATION 45090 AIR NEW SOURCE PERMITS REGISTRATION 45094 AIR NEW SOURCE PERMITS REGISTRATION 45277 AIR NEW SOURCE PERMITS REGISTRATION 46791 AIR NEW SOURCE PERMITS REGISTRATION 47065 AIR NEW SOURCE PERMITS REGISTRATION 47066 AIR NEW SOURCE PERMITS REGISTRATION 47555 AIR NEW SOURCE PERMITS REGISTRATION 47577 AIR NEW SOURCE PERMITS REGISTRATION 47887

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JE0052V

AIR NEW SOURCE PERMITS

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AIR NEW SOURCE PERMITS	REGISTRATION	55753
AIR NEW SOURCE PERMITS	REGISTRATION	70024
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Page 2 of 40		

AIR NEW SOURCE PERMITS	REGISTRATION	76732
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IHW CORRECTIVE ACTION	SOLID WASTE REGISTRATION # (SWR)	30029

Location:

AIR EMISSIONS INVENTORY

ACCOUNT NUMBER

JE0052V

6001 HIGHWAY 366, PORT NECHES, TX, 77651

TCEQ Region:

REGION 10 - BEAUMONT

Date Compliance History Prepared:

February 25, 2011

Agency Decision Requiring Compliance History: Enforcement

Compliance Period:

February 25, 2006 to February 25, 2011

TCEQ Staff Member to Contact for Additional Information Regarding this Compliance History

Name:

Trina Grieco

Phone:

(210) 403-4006

Site Compliance History Components

1. Has the site been in existence and/or operation for the full five year compliance period? Yes

2. Has there been a (known) change in ownership/operator of the site during the compliance period?

Nο

3. If Yes, who is the current owner/operator?

4. If Yes, who was/were the prior owner(s)/operator(s)?

N/A

5. When did the change(s) in owner or operator occur?

N/A

6. Rating Date: 9/1/2010 Repeat Violator:

Components (Multimedia) for the Site:

Final Enforcement Orders, court judgments, and consent decrees of the State of Texas and the federal government.

N/A Effective Date: 08/20/2006 ADMINORDER 2006-0107-AIR-E

Classification: Moderate

30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)

30 TAC Chapter 116, SubChapter B 116,115(c) 5C THC Chapter 382; SubChapter A 382,085(b)

Ramt Prov: Permit 5952A SC 1 PA

Description: Failure to maintain an emission rate below the allowable emissions limit.

Classification: Minor

30 TAC Chapter 101, SubChapter F 101.201(a)(1)(B) Citation:

5C THC Chapter 382, SubChapter A 382.085(b)

Description: Failure to properly notify the Beaumont Region Office of a reportable emissions event for

Incident 69694.

Classification: Moderate

30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F) Citation:

> 30 TAC Chapter 116, SubChapter B 116.115(c) 5C THC Chapter 382, SubChapter A 382,085(b)

Rgmt Prov: 19823, SPECIAL CONDITION 1 PERMIT

Description: Failure to prevent ethylene emissions during Incident 69694.

Effective Date: 09/21/2006 ADMINORDER 2006-0399-AIR-E

Classification: Moderate

30 TAC Chapter 116, SubChapter B 116,115(c) Citation:

5C THC Chapter 382, SubChapter A 382.085(b)

Ramt Prov: No. 16909 PERMIT

Description: Failure to prevent unauthorized emissions.

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116,115(c).

> 30 TAC Chapter 122, SubChapter B 122,143(4) 5C THC Chapter 382, SubChapter A 382,085(b)

Rqmt Prov: 20485 PERMIT

O-01327 OP

Description: Failure to meet the minimum net heating value requirement during the compliance test conducted on June 8, 2005, which should be greater than 11.2MJ/scm. Results of the compliance test show a minimum net heating value of 10.23MJ/scm.

Classification: Moderate

30 TAC Chapter 116, SubChapter B 116.115(c) Citation:

5C THC Chapter 382, SubChapter A 382.085(b)

Rgmt Prov: Permit 5952A, SC 1 PERMIT

Description: Failure to prevent unauthorized emissions.

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter F 101,201(a)(1)(B)

5C THC Chapter 382, SubChapter A 382.085(b)

Description: Failure to report an emissions event within 24 hours after discovery.

Classification: Moderate

30 TAC Chapter 116, SubChapter B 116.115(c) Citation:

5C THC Chapter 382, SubChapter A 382:085(b)

Rqmt Prov: No. 16909/ Special Condition 1 PERMIT

Description: Failure to prevent unauthorized emissions.

Effective Date: 12/02/2006 ADMINORDER 2005-0926-AIR-E

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)

5C THC Chapter 382, SubChapter A 382.085(b)

Rgmt Prov: 20485 PERMIT

Description: Failure to maintain VOC limit less than 2.0 ppmw in C4 Cooling Tower.

Classification: Moderate

30 TAC Chapter 116, SubChapter B 116.115(c)

5C THC Chapter 382, SubChapter A 382,085(b)

Ramt Prov: 20485 PERMIT

Description: Failure to maintain an emission rate below the allowable limit.

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)

5C THC Chapter 382, SubChapter D 382.085(b)

Rgmt Prov: 647B/MAERT PERMIT

Description: Failure to prevent unauthorized ammonia emissions from the E7 Cooling Tower. A8c2Aii

Classification: Moderate

30 TAC Chapter 113, SubChapter C 113.110 Citation:

30 TAC Chapter 113, SubChapter C 113,730

40 CFR Chapter 63, SubChapter C, PT 63, SubPT F 63.104(b)(3) 40 CFR Chapter 63, SubChapter C, PT 63, SubPT PPP 63.1435(a)

5C THC Chapter 382, SubChapter A 382.085(b)

Description: Failure to conduct HON sampling and analysis following an approved method.

Classification: Moderate

30 TAC Chapter 116, SubChapter B 116.115(c) Citation:

5C THC Chapter 382, SubChapter A 382.085(b)

Ramt Prov: 20160 PERMIT

Description: Failure to repair leaking exchanger in the PO/MTBE cooling water system during unit

shutdown.

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter F 101.201(a)(1)(B)

5C THC Chapter 382, SubChapter A 382.085(b)

Description: Failed to notify the TCEQ within 24 hours after the discovery of a reportable emissions

event at 1:00 p.m. on September 16, 2003 at the MTBE Drying Column Overhead Line.

Classification: Moderate

30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)

30 TAC Chapter 116, SubChapter B 116.115(c) 30 TAC Chapter 122, SubChapter B 122,143(4) 5C THC Chapter 382, SubChapter D 382.085(b)

Rgmt Prov: 20160/General Condition 8 PERMIT

Description: Failed to prevent unauthorized emissions of 479.5 lbs of Dimethyl Ether, 8631.6 lbs of Isobutylene and 479.5 lbs of Methyl Formate from the MTBE Drying Column Overhead Line on September

16, 2003.

Classification: Moderate

Citation:

30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F) 30 TAC Chapter 116, SubChapter B 116.115(c) 30 TAC Chapter 122, SubChapter B 122.143(4) 5C THC Chapter 382, SubChapter D 382.085(b)

Rgmt Prov: 1322/SC17 OP

20160/GC 8 PERMIT

Description: Failed to prevent unauthorized emissions of 15 lbs of Ethylene Glycol, 699 lbs of Tert Butanol and 854 lbs of Tert Butyl Hydroperoxide from the Tertiary Butyl Alcohol (TBHP) Feed Header on January 11, 2004.

Classification: Moderate

30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F) Citation:

> 30 TAC Chapter 116, SubChapter B 116.115(c) 30 TAC Chapter 122, SubChapter B 122.143(4) 5C THC Chapter 382, SubChapter A 382.085(b)

Rgmt Prov: 20160, GC8 PERMIT

O-01322, SC17 OP

Description: Failed to prevent unauthorized emissions of 745 lbs of Tert Butanol from Tank 007, the TBA

Day Tank (EPN POTK007) on February 23, 2004.

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)

> 30 TAC Chapter 116, SubChapter B 116.115(c) 30 TAC Chapter 122, SubChapter B 122.143(4) 5C THC Chapter 382, SubChapter D 382.085(b)

Rgmt Prov: 1322/SC 17 OP

5972A/SC 1 PERMIT

Description: Failed to prevent unauthorized emissions of 67 lbs of ethylene oxide from the F-P-137

Ethylene Oxide Rundown on August 25, 2003.

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)

30 TAC Chapter 116, SubChapter B 116.115(b)(2)(G)

30 TAC Chapter 116, SubChapter B 116,115(c) 5C THC Chapter 382, SubChapter A 382,085(b)

Rgmt Prov: 5952A, SC1 PERMIT

Description: Failed to prevent unauthorized emissions of VOCs of 303 lbs on December 10, 2003, 98 lbs December 13, 2003, 432 lbs January 1, 2004, 394 lbs January 15, 2004, 547 lbs February 17, 2004, and 167 lbs on February 28, 2004 from the F-F-6 Regenerator Vent.

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(G)

5C THC Chapter 382, SubChapter D 382.085(b)

Rqmt Prov: 5952/SC 1 PERMIT

Description: Failed to prevent unauthorized emissions of 595 lbs of Ethylene and 44 lbs of Ethylene Glycol from the Regenerator Flash Drum Vent on November 22, 2003.

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter F 101.201(a)(1)(A) 30 TAC Chapter 101, SubChapter F 101.201(a)(1)(B)

5C THC Chapter 382, SubChapter A 382.085(b)

Description: Failed to notify the TCEQ within 24 hours after the discovery of a reportable emissions event on August 23, 2003 at the F-4 Regenerator (EPN F4FF135).

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)

30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THC Chapter 382, SubChapter A 382.085(b)

Rgmt Prov: 19823, SC1 PERMIT

20160, GC8 PERMIT 5972A, SC1 PERMIT O-01322, SC17 OP

Description: Failed to prevent unauthorized emissions on August 23, 2003 of 1) 5304 lbs of VOC from the PO/MTBE Unit, and 2073 lbs of CO and 251 lbs of NOx from the F5 Unit of the PO/MTBE Plant to the PO/MTBE Flare (EPN POFLARE), and 2) 221 lbs of Ethylene from the Regen/Reabsorb Vent at the F4 Regenerator (EPN F4FF135).

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter F 101.201(c)

5C THC Chapter 382, SubChapter A 382.085(b)

Description: Failed to submit a final record to the TCEQ within two weeks after the end of a reportable

emissions event on September 6, 2003 at the F-6 Regenerator Vent (EPN F6FF6104).

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)

30 TAC Chapter 116, SubChapter B 116.115(c) 5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: 5952A, SC1 PERMIT

Description: Failed to prevent unauthorized emissions of 106 lbs of Ethylene from the F-6 Regenerator Vent (EPN F6FF6104) on September 6, 2003.

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter F 101.201(a)(1)(A)

30 TAC Chapter 101, SubChapter F 101.201(a)(1)(B)

5C THC Chapter 382, SubChapter A 382.085(b)

Description: Failed to notify the TCEQ within 24 hours after the discovery of a reportable emissions event at 8:15 p.m. on October 5, 2003 at the F-6 Regenerator Vent (EPN F6FF6104).

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)

30 TAC Chapter 116, SubChapter B 116.115(c)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: 5952A, SC1 PERMIT

Description: Failed to prevent unauthorized emissions of 146 lbs VOCs (Ethylene and Ethylene Glycol)

from the F-6 Regenerator Vent (EPN F6FF6104) on October 5, 2003.

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter F 101.201(a)(1)(A)

30 TAC Chapter 101, SubChapter F 101,201(a)(1)(B)

5C THC Chapter 382, SubChapter A 382.085(b)

Description: Failed to notify the TCEQ within 24 hours after the discovery of a reportable emissions event at 12:15 p.m. on October 25, 2003 at the relief valve on the ammonia absorber (EPN E4FUG1) at the E4 Unit of the Olefins and Oxides (O&O) Plant.

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)

30 TAC Chapter 116, SubChapter B 116.115(c) 30 TAC Chapter 122, SubChapter B 122.143(4) 5C THC Chapter 382, SubChapter D 382.085(b)

Rqmt Prov: 1322/ SC 15 OP

5897A/ SC1 PERMIT

Description: Failed to prevent unauthorized emissions of 2514 lbs of Ammonia from the relief valve on

the ammonia absorber (EPN E4FUG1) at the E4 Unit of the O&O Plant on October 25, 2003.

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)

30 TAC Chapter 116, SubChapter B 116.115(c) 30 TAC Chapter 122, SubChapter B 122.143(4) 5C THC Chapter 382, SubChapter A 382.085(b)

Rgmt Prov: 20485, SC1 PERMIT

O-01327, SC15 OP

Description: Failed to prevent unauthorized emissions on January 15, 2004 of 12 lbs of VOCs and 18 lbs of 1,3-Butadiene from the North Unit of the C4/MTBE/Butadiene Units, and 3 lbs of NOx and 19 lbs of CO from the Butadiene Unit of the C4 Plant to the North/South Flare (EPN UWNR1, UW6R1).

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)

30 TAC Chapter 116, SubChapter B 116.115(c) 30 TAC Chapter 122, SubChapter B 122.143(4) 5C THC Chapter 382, SubChapter D 382.085(b)

Rqmt Prov: 1327/ SC15 OP

20485/ SC1 PERMIT

Description: Failed to prevent unauthorized emissions of 163.46 lbs of VOCs on August 20, 2003 and

302.658 lbs of VOCs on February 20, 2004 from the tank hatch of Tank 77.

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)

30 TAC Chapter 116, SubChapter B 116.115(c) 30 TAC Chapter 122, SubChapter B 122.143(4) 5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: 20485, SC1 PERMIT O-01327, SC15 OP

Description: Failed to prevent unauthorized emissions to the North/South Flare (EPN UWN6R1/UWS6R1) of 2) 48 lbs of VOC and 17 lbs of 1,3 Butadiene from the MTBE Unit on July 22, 2003, and 3) 173 lbs of VOC, 79 lbs of 1,3 Butadiene, 131 lbs of CO and 13 lbs of NOx from the C4 Plant on February 7, 2004.

Classification: Minor

Citation: 30 TAC Chapter 101, SubChapter F 101.201(a)(1)(B)

5C THC Chapter 382, SubChapter A 382.085(b)

Description: Failure to report an emissions event within 24 hours of discovery,

Classification: Minor

Citation: 30 TAC Chapter 101, SubChapter F 101.201(a)(1)(B)

5C THC Chapter 382, SubChapter A 382.085(b)

Description: Failure to report an emissions event within 24 hours of discovery.

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)

30 TAC Chapter 116, SubChapter B 116.115(c) 5C THC Chapter 382, SubChapter A 382.085(b)

Rgmt Prov: 5807A SC 1 PERMIT

Description: Failure to comply with an emissions limitation.

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)

30 TAC Chapter 116, SubChapter B 116.115(b)(2)(G) 30 TAC Chapter 116, SubChapter B 116.115(c) 5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: 5952A SC1 PERMIT

Description: Failure to comply with an emissions limitation.

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)

30 TAC Chapter 116, SubChapter B 116.115(b)(2)(G) 30 TAC Chapter 116, SubChapter B 116.115(c) 5C THC Chapter 382, SubChapter A 382.085(b)

Rgmt Prov: 5952A SC1 PERMIT

Description: Failure to comply with an emissions limitation.

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)

5C THC Chapter 382, SubChapter A 382.085(b)

Rgmt Prov: 29516 General Conditions PERMIT

Description: Failure to comply with an emissions limitation.

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)

30 TAC Chapter 116, SubChapter B 116.115(c) 5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: 56390 SC1 PERMIT

Description: Failure to comply with an emissions limitation.

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)

30 TAC Chapter 116, SubChapter B 116.115(c) 5C THC Chapter 382, SubChapter A 382.085(b)

Rgmt Prov: 20485 SC 1 PERMIT

20485/ Attachment A PERMIT

Description: Failure to comply with an emissions limitation.

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)

30 TAC Chapter 116, SubChapter B 116.115(c) 5C THC Chapter 382, SubChapter A 382.085(b)

Rgmt Prov: 20485 SC 1 PERMIT

20485/ Attachment A PERMIT

Description: Failure to comply with an emissions limitation.

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)

30 TAC Chapter 116, SubChapter B 116.115(c) 5C THC Chapter 382, SubChapter A 382.085(b)

Ramt Prov: 20485 SC 1 PERMIT

20485/ Attachment A PERMIT

Description: Failure to comply with an emissions limitation.

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)

30 TAC Chapter 116, SubChapter B 116.115(c) 5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: 20485 SC 1 PERMIT

20485/ Attachment A PERMIT

Description: Failure to comply with an emissions limitation.

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)

30 TAC Chapter 116, SubChapter B 116.115(c) 5C THC Chapter 382, SubChapter A 382.085(b)

Rgmt Prov: 20485 SC1 PERMIT

20485/ Attachment A PERMIT

Description: Failure to comply with an emissions limitation.

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)

30 TAC Chapter 116, SubChapter B 116.115(c) 5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: 20485 Special Condition 1 PERMIT

20485/ Attachment A PERMIT

Description: Failure to comply with an emissions limitation.

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.116(a)(1)

30 TAC Chapter 116, SubChapter B 116.116(b)(1)(C) 5C THC Chapter 382, SubChapter A 382.085(b)

Description: Failure to comply with permit representations of 99.5% VOC destruction efficiency for Flare

3. A8c1G

Classification: Moderate

Citation: 30 TAC Chapter 111, SubChapter A 111.111(a)(4)(A)(ii)

30 TAC Chapter 116, SubChapter B 116.115(c)

5C THC Chapter 382, SubChapter A 382.085(b)

Ramt Prov: 19823 PERMIT

Description: Failure to prevent visible emissions from the High Pressure Flare - South. B14

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(G)

5C THC Chapter 382, SubChapter A 382,085(b)

Description: Failure to maintain air pollution emission capture and abatement equipment in good working

order and operating properly for Flare 3. B18

Classification: Moderate

Citation: 30 TAC Chapter 111, SubChapter A 111.111(a)(4)(A)(ii)

30 TAC Chapter 116, SubChapter B 116.115(c) 5C THC Chapter 382, SubChapter A 382.085(b)

Rgmt Prov: 19823 PERMIT

Description: Failure to prevent visible emissions from the High Pressure Flare - South.

B14

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(G)

5C THC Chapter 382, SubChapter A 382.085(b)

Description: Failure to maintain air pollution emission capture and abatement equipment in good working

order and operating properly for Flare 3. B18

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116,116(a)(1)

30 TAC Chapter 116, SubChapter B 116.116(b)(1) 30 TAC Chapter 116, SubChapter B 116.116(b)(1)(C)

5C THC Chapter 382, SubChapter A 382.085(b)

Description: Failure to comply with permit representations of 99.5% VOC destruction efficiency for Flare

3. A8c1G

Classification: Minor

Citation: 30 TAC Chapter 101, SubChapter F 101.201(a)(2)(H)

30 TAC Chapter 101, SubChapter F 101.201(b)(4) 30 TAC Chapter 101, SubChapter F 101.201(b)(8) 5C THC Chapter 382, SubChapter A 382.085(b)

Description: Failure to comply with a reporting requirement,

Classification: Minor

Citation: 30 TAC Chapter 101, SubChapter F 101.201(a)(2)(H) 30 TAC Chapter 101, SubChapter F 101.201(b)(4)

30 TAC Chapter 101, SubChapter F 101.201(b)(8)
5C THC Chapter 382, SubChapter A 382.085(b)

Description: Failure to comply with a reporting requirement.

Classification: Minor

Citation: 30 TAC Chapter 101, SubChapter F 101.201(a)(2)(H)

30 TAC Chapter 101, SubChapter F 101.201(b)(4) 30 TAC Chapter 101, SubChapter F 101.201(b)(8) 5C THC Chapter 382, SubChapter A 382.085(b)

Description: Failure to comply with a reporting requirement.

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116,115(b)(2)(F)

30 TAC Chapter 116, SubChapter B 116.115(c) 5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: 20485, Special Condition 1 PERMIT

Description: Failure to maintain an emission rate below the allowable emission limit..

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)

30 TAC Chapter 116, SubChapter B 116.115(c) 30 TAC Chapter 122, SubChapter B 122.143(4) 5C THC Chapter 382, SubChapter A 382.085(b)

Rgmt Prov: 19823 Special Condition 1 PERMIT

O-02288 Special Condition 16 OP

Description: Failure to maintain an emission rate below the allowable emission limit.

Classification: Minor

Citation: 30 TAC Chapter 101, SubChapter F 101.201(a)(2)(H)

5C THC Chapter 382, SubChapter A 382.085(b)

Description: Failure to properly report emissions events.

Classification: Minor

Citation:

30 TAC Chapter 101, SubChapter F 101,201(a)(1)(A)

30 TAC Chapter 101, SubChapter F 101.201(a)(2)(D) 5C THC Chapter 382, SubChapter A 382,085(b)

Description: Failure to submit an initial notification of an emissions event with 24 hours.

Classification: Minor

Citation:

30 TAC Chapter 101, SubChapter F 101.201(a)(1)(A) 30 TAC Chapter 101, SubChapter F 101.201(a)(2)(D)

5C THC Chapter 382, SubChapter A 382.085(b)

Description: Huntsman failed to properly identify the correct Emission Point Common Name in 57946 final

notification.

Classification: Moderate

Citation:

30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F) 30 TAC Chapter 116, SubChapter B 116,115(c)

5C THC Chapter 382, SubChapter A 382,085(b)

Rgmt Prov: 19823/SC 1 PERMIT

Description: Failure to comply with the Maximum Allowable Emissions Rate Table (MAERT) of TCEQ

Permit 19823.

Effective Date: 05/25/2007

ADMINORDER 2006-0902-AIR-E

Classification: Moderate

Citation:

30 TAC Chapter 116, SubChapter B 116,115(b)(2)(F)

30 TAC Chapter 116, SubChapter B 116.115(c) 5C THC Chapter 382, SubChapter D 382.085(b)

Ramt Prov: Permit 19823 PERMIT

Description; Failure to maintain an emission rate below the allowable emission limit for the Demethanizer

Tower Pressure Relief Vent, PRV 2355.

Effective Date: 10/25/2007

ADMINORDER 2007-0360-AIR-E

Classification: Moderate

Citation:

30 TAC Chapter 116, SubChapter B 116,115(c)

30 TAC Chapter 122, SubChapter B 122.143(4)

5C THC Chapter 382, SubChapter D 382.085(b)

Rgmt Prov: 19823 Special Condition 1 PERMIT

O-02288 Special Condition 16 OP

Description: failed to prevent unauthorized emissions. Specifically, on November 28, 2006, over a period of 5 hours, the South Flare emitted 340.38 pounds ("Ibs") of Voltile Organic Coumpound ("VOC")

and 374.86 lbs of carbon monoxide ("CO"). Permit No. 19823 authorizes 32.87 lbs of VOC per hour and 53.59 lbs of CO per hour.

Effective Date: 01/28/2008

ADMINORDER 2007-0989-AIR-E

Classification: Moderate

30 TAC Chapter 113, SubChapter C 113.130

30 TAC Chapter 115, SubChapter D 115.352(4) 30 TAC Chapter 116, SubChapter B 116.115(c) 30 TAC Chapter 122, SubChapter B 122,143(4)

40 CFR Chapter 63, SubChapter C, PT 63, SubPT H 63:167(a)(1)

5C THC Chapter 382, SubChapter D 382,085(b)

Rgmt Prov: 20134 Special Condition 20 E PERMIT

5807A Special Condition 10 PERMIT 5807A Special Condition 2 E PERMIT 647B Special Condition 11 E PERMIT O-02286 Special Condition 10 OP O-02287 Special Condition 10 OP

Description: Failed to seal open-ended lines in volatile organic compounds service with a cap, blind

flange, plug, or a second valve.

Classification: Moderate

Citation:

30 TAC Chapter 122, SubChapter B 122.143(4)

30 TAC Chapter 122, SubChapter B 122.145(2)(A) 30 TAC Chapter 122, SubChapter B 122.145(2)(C)

Page **10** of **40**

30 TAC Chapter 122, SubChapter B 122.146(2) 5C THC Chapter 382, SubChapter D 382.085(b)

Rgmt Prov: General Terms And Conditions OP

Description: Failed to submit two semi-annual deviation reports and one annual compliance certification

within 30 days after each reporting period.

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(1)

30 TAC Chapter 116, SubChapter B 116.115(c) 30 TAC Chapter 122, SubChapter B 122.143(4)

40 CFR Chapter 60, SubChapter C, PT 60, SubPT A 60.18(f)(2)

5C THC Chapter 382, SubChapter D 382.085(b)

Rqmt Prov: 20134 Special Condition 12 B PERMIT

647B Special Condition 3 PERMIT O-02286 Special Condition 10 OP O-02287 Special Condition 10 OP

Description: Failed to monitor the E7 Flare to ensure a pilot flame is present at all times.

Classification: Moderate

Citation: 30 TAC Chapter 106, SubChapter K 106.264(7)

30 TAC Chapter 116, SubChapter B 116.110(a)(4) 30 TAC Chapter 122, SubChapter B 122.143(4) 5C THC Chapter 382, SubChapter D 382.085(b)

Rgmt Prov: O-02287 Special Condition 10 OP

Description: Failed to notify the executive director within 10 days after the installation of the E7 Flare

drum seal (F-E7-72). Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)

30 TAC Chapter 122, SubChapter B 122.143(4) 5C THC Chapter 382, SubChapter D 382.085(b)

Rgmt Prov: O-02287 Special Condition 10 OP

Permit 647B, Special Condition 1 PERMIT

Description: Failed to prevent unauthorized emissions.

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)

30 TAC Chapter 122, SubChapter B 122.143(4) 5C THC Chapter 382, SubChapter D 382.085(b)

Rgmt Prov: 20134 Special Condition 23E PERMIT

O-02286 Special Condition 10 OP

Description: Failed to submit a final sampling report within 30 days after sampling is completed.

Effective Date: 04/14/2008 ADMINORDER 2007-0581-MLM-E

Classification: Moderate

Citation: 2D TWC Chapter 26, SubChapter A 26.121(c)

30 TAC Chapter 106, SubChapter A 106.4(c)

30 TAC Chapter 113, SubChapter C 113.120 30 TAC Chapter 122, SubChapter B 122.143(4) 30 TAC Chapter 335, SubChapter A 335.4

40 CFR Chapter 63, SubChapter C, PT 63, SubPT G 63.135(b)

5C THC Chapter 382, SubChapter D 382.085(b)

Rqmt Prov: FOP 2288 Special Condition 17 OP

FOP 2288 Special Condition 1D OP

Special Condition 16 OP

Description: Failure to maintain emissions below the allowable reportable quantity for benzene in

regards to Permit by Rule Number 106.532. MOD 2(D) EIC A(8)

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116,115(c)

30 TAC Chapter 122, SubChapter B 122.143(4) 5C THC Chapter 382, SubChapter D 382.085(b)

Rgmt Prov: 5952A Special Condition 1 PERMIT

O-01320 Special Condition 13 OP

Description: Failure to maintain an emission rate below the allowable emissions limit.

Effective Date: 08/15/2008 ADMINORDER 2007-2006-AIR-E

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)

30 TAC Chapter 122, SubChapter B 122.143(4) 5C THC Chapter 382, SubChapter D 382.085(b)

Rgmt Prov: O-1320 General Terms and Conditions OP

O-1320 Special Condition 13A OP P-5972A Special Condition 1 PERMIT

Description: Failure to maintain an emission rate below the allowable emission limits.

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter F 101.201(a)(1)

30 TAC Chapter 122, SubChapter B 122.143(4) 5C THC Chapter 382, SubChapter D 382.085(b)

Rgmt Prov: O-1322 General Terms and Conditions OP

O-1322 Special Condition 2F OP

Description: Failure to properly report an emissions event.

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116,115(c)

30 TAC Chapter 122, SubChapter B 122.143(4)

5C THC Chapter 382, SubChapter D 382.085(b)

Rqmt Prov: O-1322 General Terms and Conditions OP

O-1322 Special Conditions 17A OP P-20160 Special Condition 1 PERMIT

Description: Failure to maintain an emission rate below the allowable emission limits,

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)

30 TAC Chapter 122, SubChapter B 122.143(4)

5C THC Chapter 382, SubChapter D 382.085(b)

Rqmt Prov: FOP-0-1322 Special Condition 17 OP

Permit 20160 Special condition 1 PERMIT

Description: Failure to maintain emissions below the allowable emission limit. A10

Effective Date: 01/30/2009 ADMINORDER 2008-0664-AIR-E

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)

30 TAC Chapter 122, SubChapter B 122.143(4)

5C THSC Chapter 382 382.085(b)

Rgmt Prov: FOP-O-02288 Special Condition 16 OP

Permit 19823 Special Condition 1 PERMIT

Description: Failure to maintain emissions below the allowable emission limits during Emissions Event

Incident 95744.

Classification: Minor

Citation: 30 TAC Chapter 101, SubChapter F 101,201(a)(2)(C)

30 TAC Chapter 101, SubChapter F 101.201(a)(2)(F) 30 TAC Chapter 101, SubChapter F 101.201(b)(1)(G)

30 TAC Chapter 101, SubChapter F 101.201(b)(1)(H)

30 TAC Chapter 122, SubChapter B 122.143(4)

5C THSC Chapter 382 382.085(b)

Rqmt Prov: FOP O-02288 General Terms and Conditions OP

FOP O-02288 Special Condition 2F OP

Description: Failure to properly report an emissions event (Incident No. 97957). EIC C,3 MIN 3,C

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)

30 TAC Chapter 116, SubChapter B 116.115(c) 30 TAC Chapter 122, SubChapter B 122.143(4)

5C THSC Chapter 382 382.085(b)

Rqmt Prov: FOP O-02288 General Terms and Conditions OP

FOP 0-02288, Special Condition 16 OP

NSR Permit 19823, Special Condition 1 PERMIT

Description: Failure to prevent unauthorized emissions (Incident No. 97957). EIC A,8,c,2,A,ii MOD

2,D

Classification: Minor

Citation: 30 TAC Chapter 101, SubChapter F 101.201(a)(1)(A)

30 TAC Chapter 101, SubChapter F 101.201(a)(1)(B) 30 TAC Chapter 122, SubChapter B 122.143(4)

5C THSC Chapter 382 382.085(b)

Description: Failure to properly report an emissions event (Incident No. 95168).

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)

30 TAC Chapter 116, SubChapter B 116,115(c) 30 TAC Chapter 122, SubChapter B 122,143(4)

5C THSC Chapter 382 382.085(b)
Rgmt Prov: 19823, Special Condition 1 PERMIT

O-02288, General Terms and Conditions OP

O-02288, Special Condition 16A OP O-02288, Special Condition 2I OP

Description: Failure to prevent unauthorized emissions (Incident No. 95168).

Classification: Minor

Citation: 30 TAC Chapter 101, SubChapter F 101.201(b)(1)(G)

30 TAC Chapter 101, SubChapter F 101.201(b)(1)(H) 30 TAC Chapter 101, SubChapter F 101.201(b)(1)(J)

5C THSC Chapter 382 382,085(b)

Description: Failure to report emissions in accordance with the requirements of 30 TAC 101.201(b)(1).

This includes reporting violations for Incident Nos. 95743 and 95744.

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)

30 TAC Chapter 116, SubChapter B 116.115(c) 30 TAC Chapter 122, SubChapter B 122.143(4)

5C THSC Chapter 382 382.085(b)

Rqmt Prov: General Terms and Conditions OP

NSR Permit 5952A, Special Condition 1 PERMIT

Special Condition 13A OP Special Condition 2I OP

Description: Failure to prevent unauthorized emissions (Incident No. 97057).

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)

30 TAC Chapter 122, SubChapter B 122.143(4)

5C THSC Chapter 382 382.085(b)

Rqmt Prov: 20160, Special Condition 1 PERMIT

FOP O-1322, Special Condition 17 OP

Description: Failure to prevent unauthorized emissions (Incident No. 95743).

Effective Date: 05/03/2009 ADMINORDER 2008-1586-AIR-E

Classification: Minor

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)

30 TAC Chapter 122, SubChapter B 122.143(4)

5C THSC Chapter 382 382.085(b)

Rgmt Prov: Special Condition 1 PERMIT

Special Conditions 13 OP

Description: Failure to prevent unauthorized emissions (Incident No. 104823),

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)

30 TAC Chapter 116, SubChapter B 116.115(c) 30 TAC Chapter 122, SubChapter B 122.143(4)

5C THSC Chapter 382 382.085(b)

Rqmt Prov: FOP O-01320 General Terms and Conditions OP

FOP O-01320, Special Condition 13 OP

NSR Permit 5952A, Special Condition 1 PERMIT

Description: Failure to prevent unauthorized emissions (Incident No. 98892).

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)

30 TAC Chapter 122, SubChapter B 122.143(4)

5C THSC Chapter 382 382.085(b)

Rqmt Prov: Special Condition 13 OP

Special Condition 18 PERMIT

Description: Failed to conduct monthly VOC monitoring on wastewater conveyance EPN:

RSEGLYWWFUG.

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)

30 TAC Chapter 122, SubChapter B 122.143(4)

5C THSC Chapter 382 382.085(b)

Rgmt Prov: Special Condition 16 OP

Special Condition 9(A) PERMIT

Description: Failed to conduct monitoring of the CAS connected to tank T-A3-46.

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)

30 TAC Chapter 122, SubChapter B 122.143(4)

5C THSC Chapter 382 382,085(b)

Rgmt Prov: Special Condition 1 PERMIT

Special Condition 16 OP

Description: Failure to prevent unauthorized emissions (Incident 104871).

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)

30 TAC Chapter 122, SubChapter B 122.143(4)

5C THSC Chapter 382 382.085(b)

Rgmt Prov: Special Condition 1 OP

Special Condition 13 PERMIT

Description: Failure to prevent unauthorized emissions (Incident 105823).

Classification: Minor

Citation: 30 TAC Chapter 101, SubChapter F 101.201(a)(1)(B)

30 TAC Chapter 122, SubChapter B 122.143(4)

5C THSC Chapter 382 382.085(b)

Rqmt Prov: General Terms and Conditions OP

Description: Failed to notify the TCEQ Regional Office within 24 hours of a reportable emissions event

(Incident 104871).

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)

30 TAC Chapter 116, SubChapter B 116.115(c)

30 TAC Chapter 122, SubChapter B 122.143(4)

5C THSC Chapter 382 382.085(b)

Rgmt Prov: FOP O-01320 General Terms and Conditions OP

FOP O-01320 Special Condition 13 OP

NSR Permit 5952A, Special Condition 1 PERMIT

Description: Failure to prevent unauthorized emissions (Incident No. 99672).

Classification: Minor

Citation: 30 TAC Chapter 116, SubChapter B 116,115(b)(2)(F)

30 TAC Chapter 116, SubChapter B 116.115(c)

30 TAC Chapter 122, SubChapter B 122.143(4)

5C THSC Chapter 382 382.085(b)

Rqmt Prov: FOP O-01320 General Terms and Conditions OP

FOP O-01320 Special Condition 13 OP

NSR Permit 5952A, Special Condition 1 PERMIT

Description: Failure to prevent unauthorized emissions (Incident No. 101672).

Effective Date: 08/23/2009 ADMINORDER 2009-0330-AIR-E

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)

30 TAC Chapter 122, SubChapter B 122.143(4)

5C THSC Chapter 382 382.085(b)

Rqmt Prov: Special Condition 1 PERMIT

Special Condition 16 OP

Description: Failed to prevent unauthorized emissions during Incident No. 113001.

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)

30 TAC Chapter 122, SubChapter B 122.143(4)

5C THSC Chapter 382 382.085(b)

Rqmt Prov: Special Condition 1 PERMIT

Special Condition 16 OP

Description: Failed to prevent unauthorized emissions during Incident No. 114925.

Effective Date: 08/31/2009 ADMINORDER 2009-0041-AIR-E

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)

30 TAC Chapter 122, SubChapter B 122.143(4)

5C THSC Chapter 382 382.085(b)

Rqmt Prov: Special Condition 1 PERMIT

Special Condition 13 OP

Description: Failure to maintain emissions below the allowable emission limits during Emissions Event

incident 106170.

Classification: Minor

Citation: 30 TAC Chapter 101, SubChapter F 101,201(a)(1)

30 TAC Chapter 122, SubChapter B 122.143(4)

5C THSC Chapter 382 382,085(b)

Rgmt Prov: Special Condition 2(f) OP

Description: Failure to report emissions event incident 109142 in accordance with the requirements of

30 TAC 101.201(a)(1). Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)

30 TAC Chapter 122, SubChapter B 122.143(4)

5C THSC Chapter 382 382.085(b)

Rgmt Prov: Special Condition 1 PERMIT

Special Condition 16 OP

Description: Failure to maintain emissions below the allowable emission limits during Emissions Event

incident 109142.

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)

30 TAC Chapter 122, SubChapter B 122.143(4)

5C THSC Chapter 382 382.085(b)

Rqmt Prov: Special Condition 1 PERMIT

Special Condition 16 OP

Description: Failure to maintain emissions below the allowable emission limits during Emissions Event

incident 108945.

Effective Date: 03/20/2010 ADMINORDER 2009-0894-AIR-E

Classification: Moderate

Citation: 30 TAC Chapter 122, SubChapter B 122.121

30 TAC Chapter 122, SubChapter B 122.133(2)

5C THSC Chapter 382 382.085(b)

Rqmt Prov: General Terms and Conditions OP

Description: Failed to submit a Title V permit renewal application at least six months prior to expiration of

the permit. Specifically, the renewal application was submitted 70 days late.

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)

5C THSC Chapter 382 382.085(b)

Rqmt Prov: Special Condition 1 PERMIT

Description: Failed to prevent unauthorized emissions.

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)

5C THSC Chapter 382 382.085(b)

Rqmt Prov: Permit No. 20160, Special Condition 17 PERMIT

Special Condition 1 PERMIT

Description: Failed to prevent unauthorized emissions and exceeded the 0.8 parts per million by weight ("ppmw") volatile organic compound ("VOC") concentration limit in the water returning to the cooling

tower.

Effective Date: 10/25/2010 ADMINORDER 2010-0315-AIR-E

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)

30 TAC Chapter 122, SubChapter B 122.143(4)

5C THSC Chapter 382 382.085(b)

Rqmt Prov: Special Condition 1 PERMIT

Special Condition 16 OP

Description: Failure to maintain emissions below the allowable emission limits during Emissions Event

incident 129506.

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)

30 TAC Chapter 122, SubChapter B 122.143(4)

5C THSC Chapter 382 382.085(b)

Rqmt Prov: Special Condition 1 PERMIT

Special Condition 16 OP

Description: Failure to maintain emissions below the allowable emission limits during Emissions Event

incident 129771.

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)

30 TAC Chapter 122, SubChapter B 122.143(4)

5C THSC Chapter 382 382.085(b)

Rqmt Prov: Special Condition 1 PERMIT

Special Condition 16 OP

Description: Failure to maintain emissions below the allowable emission limits during Emissions Event

incident 130183.

B. Any criminal convictions of the state of Texas and the federal government.

N/A

C. Chronic excessive emissions events.

N/A

1

D. The approval dates of investigations. (CCEDS Inv. Track. No.)

	08/31/2006	(449989)
2	03/30/2006	(453754)
3	08/31/2006	(454082)
4	02/27/2006	(454550)
5	04/07/2006	(454572)
6	04/07/2006	(455375)
7	03/30/2006	(456815)
8	02/28/2006	(457516)
9	03/30/2006	(458020)
10	04/07/2006	(458321)
11	03/30/2006	(458485)
12	03/30/2006	(458616)
13	03/31/2006	(458673)
14	04/07/2006	(459162)
15	04/26/2006	(461473)
16	05/01/2006	(463769)
17	05/04/2006	(464589)
18	05/26/2006	(465414)
19	06/22/2006	(465864)
20	08/17/2006	(481936)
21	08/23/2006	(485023)
22	07/31/2006	(487611)
23	09/25/2006	(488474)
24	09/11/2006	(488579)
25	09/25/2006	(497536)
26	09/25/2006	(509094)
27	09/20/2006	(511204)

28	10/30/2006	(511240)
29	09/20/2006	(511947)
30	09/19/2006	(513278)
31	10/10/2006	(513527)
32	11/15/2006	(514399)
33	10/25/2006	(515478)
34	10/25/2006	(515506)
35	11/08/2006	(515666)
36	11/16/2006	(515790)
37	10/25/2006	(515822)
38	11/30/2006	(516090)
39	11/28/2006	(516609)
40	11/13/2006	(517036)
41	11/13/2006	(517041)
42	11/15/2006	(517191)
43	11/28/2006	(517675)
44	11/27/2006	(518436)
45	12/15/2006	(531666)
46	01/17/2007	(531872)
47	12/04/2006	(533060)
48	12/12/2006	(533440)
49	02/20/2007	(535145)
50	02/08/2007	(535487)
51	02/21/2007	(537271)
52	04/26/2007	(537371)
53	02/23/2007	(537684)
54	03/20/2007	(539462)
55	03/19/2007	(539598)
56	03/20/2007	(539695)
57	02/23/2007	(540396)
58	02/26/2007	(540550)
59	04/20/2007	(541289)
60	04/09/2007	(541905)
61	06/26/2007	(543284)
62		(543451)
63		(543604)
64		(543792)
65		(555268)
66		(557699)
67		(557996)
68		(558200)
69		(558239)
70		(560362)
		, ,
71 72		(561265) (570457)
73		(570470)
74 75		(597203)
		(597280)
7 6		(597429) (597547)
78		(597647)
10	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	(30,071)

79	11/27/2007	(598101)
80	11/28/2007	(600001)
81	11/12/2007	(600643)
82	12/10/2007	(611227)
83	01/13/2008	(613058)
84	03/13/2008	(613437)
85	02/29/2008	(614644)
86	02/29/2008	(614736)
87	04/25/2008	(617083)
88	04/10/2008	(617468)
89	05/08/2008	(617644)
90	02/08/2008	(617709)
91	04/02/2008	(638186)
92	05/08/2008	(639688)
93	05/16/2008	(654879)
94	12/09/2008	(654938)
95	06/12/2008	(655044)
96	05/05/2008	(656845)
97	06/20/2008	(671039)
98	07/09/2008	(682286)
99	08/25/2008	(683718)
100	08/04/2008	
		(684258)
101	09/09/2008	(684358)
102	08/02/2008	(684777)
103	08/04/2008	(685268)
104	09/07/2008	(686333)
105	08/26/2008	(700526)
106	09/10/2008	(702254)
107	12/09/2008	(703551)
108	11/24/2008	(705974)
109	12/22/2008	(706758)
110	02/04/2009	(721964)
111	02/19/2009	(722782)
112	02/19/2009	(722904)
113	02/20/2009	(726148)
114	02/06/2009	(726384)
115	04/24/2009	(735944)
116	03/24/2009	(736194)
117	03/24/2009	(736229)
118	03/24/2009	(736557)
119	03/24/2009	(736813)
120	03/24/2009	(737194)
121	03/24/2009	(737347)
122	06/24/2009	(737641)
123	04/17/2009	(737882)
124	04/06/2009	(738233)
125	04/13/2009	(740940)
126	04/16/2009	(742311)
127	04/16/2009	(742318)
128	05/14/2009	(742399)
129	05/28/2009	(742481)
		. =/

420	05/40/0000	/7.49.70.4\
130 131	05/13/2009 06/16/2009	(742704)
132	06/02/2009	(743080)
		(743286)
133	06/15/2009	(744204)
134	06/19/2009	(745129)
135	06/18/2009	(745143)
136	05/28/2009	(745721)
137	05/18/2009	(746005)
138	06/30/2009	(746036)
139	06/04/2009	(746519)
140	07/10/2009	(747753)
141	06/24/2009	(747984)
142	05/17/2010	(748943)
143	07/23/2009	(759198)
144	08/25/2009	(760297)
145	07/23/2009	(760755)
146	07/23/2009	(760768)
147	05/12/2010	(760924)
148	07/30/2009	(761289)
149	07/30/2009	(761379)
150	01/13/2010	(764741)
151	09/21/2009	(765027)
152	10/05/2009	(766171)
153	10/05/2009	(767922)
154	09/14/2009	(775462)
155	10/26/2009	(776644)
156	10/21/2009	(777062)
157	10/23/2009	(779960)
158	11/11/2009	(780519)
159	11/18/2009	(781053)
160	12/23/2009	(781246)
161	12/21/2009	(781839)
162	11/25/2009	(782152)
163	02/09/2010	(783365)
164	12/23/2009	(785418)
165	03/08/2010	(786232)
166	01/12/2010	(786869)
167	01/13/2010	(787773)
168	04/15/2010	(788324)
169	02/01/2010	(788382)
170	02/22/2010	(791210)
171	02/19/2010	(791554)
172	05/02/2010	(794617)
173	04/12/2010	(794773)
174	04/28/2010	(794975)
175	04/14/2010	(795238)
176	04/14/2010	(799094)
177		(801026)
178		(801934)
179		(825166)
180	08/02/2010	(828972)

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181 09/02/2010
                  (841004)
182 08/25/2010
                  (841008)
183 08/04/2010
                  (841088)
184 08/21/2010
                  (849069)
185 08/25/2010
                  (850335)
186 10/12/2010
                  (857938)
187 10/26/2010
                  (863439)
188 11/05/2010
                  (864188)
189 11/16/2010
                  (871494)
190 11/17/2010
                  (871714)
191 12/02/2010
                  (872562)
192 11/29/2010
                  (879181)
193 01/03/2011
                  (880492)
194 02/01/2011
                  (884523)
195 02/15/2011
                  (885493)
196 01/28/2011
                  (886698)
197 01/03/2011
                  (886745)
198 02/15/2011
                  (887400)
199 01/25/2011
                  (891899)
200 01/25/2011
                  (892077)
201 01/28/2011
                  (892195)
202 02/03/2011
                  (893455)
203 02/12/2011
                   (895129)
204 02/23/2011
                   (895953)
205 02/22/2011
                   (899501)
206 02/23/2011
                   (899877)
207 02/23/2011
                   (899965)
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Written notices of violations (NOV). (CCEDS Inv. Track. No.) E.

Date: 08/23/2006 (485023)CN603603093 Self Report? Classification: Minor 30 TAC Chapter 116, SubChapter B 116.115(c) Citation: 30 TAC Chapter 122, SubChapter B 122.143(4) 5807A PERMIT 5C THC Chapter 382, SubChapter D 382.085(b) O-02287 OP Description: Failure to maintain the daily production limit for the E4 Unit as reported in the Deviation Report for FOP O-02287 covering January 20, 2004 to July 20, 2004. Self Report? Classification: Moderate 30 TAC Chapter 122, SubChapter B 122.143(4) Citation: 30 TAC Chapter 122, SubChapter B 122.144(1)(F) 40 CFR Chapter 60, SubChapter C, PT 60, SubPT A 60.7(f) 5C THC Chapter 382, SubChapter D 382.085(b) O-02287 OP Description: Failure to continuously collect and maintain pilot monitoring data, as required by 30 TAC 122.144(1) and 40 CFR 60.7(f), and reported in the Deviation Report for FOP O-02287 covering January 20, 2004 to July 20, 2004. Self Report? Classification: Minor

> 30 TAC Chapter 122, SubChapter B 122.143(4) 40 CFR Chapter 63, SubChapter C, PT 63, SubPT F 63.104(b)(3)

30 TAC Chapter 113, SubChapter C 113,110

5C THC Chapter 382, SubChapter D 382.085(b)

O-02287 OP

Description: Failure to analyze quarterly cooling water samples using Method 624 as reported

in the Deviation Report for FOP O-02287 covering January 20, 2004 to July 20,

2004.

Citation:

Self Report? Classification: Minor Citation: **19823 PERMIT** 30 TAC Chapter 101, SubChapter A 101.20(1) 30 TAC Chapter 115, SubChapter D 115,352(4) 30 TAC Chapter 116, SubChapter B 116.115(c) 30 TAC Chapter 122, SubChapter B 122.143(4) 40 CFR Chapter 60, SubChapter C, PT 60, SubPT VV 60.482-6(a)(1) 5807A PERMIT 5C THC Chapter 382, SubChapter D 382.085(b) O-02287 OP O-02288 OP Description: Failure to operate without a cap, blind flange, plug, or a second valve installed on equipment in VOC service for the following operating permits and Units; O-02287 - 5 components (Component Numbers 03968, 05771, 06097, 07502 and 07824) in E4FUG; O-02288 - 1 component (Component Number 0228) in A3FUG. Self Report? Classification: Minor Citation: 30 TAC Chapter 116, SubChapter B 116,115(c) 30 TAC Chapter 122, SubChapter B 122,143(4) 5C THC Chapter 382, SubChapter D 382.085(b) 647B PERMIT O-02287 OP Description: Failure to maintain the hourly production limit for Morpholine as reported in the Deviation Report for FOP O-02287 covering July 21, 2004 to January 19, 2005. Self Report? Classification: Moderate 30 TAC Chapter 106, SubChapter K 106.264(7) Citation: 30 TAC Chapter 116, SubChapter B 116.110(a)(4) 30 TAC Chapter 122, SubChapter B 122.143(4) 5C THC Chapter 382, SubChapter D 382.085(b) O-02287 OP Failure to submit a notification within ten days following installation of the Description: replacement facility as reported in the Deviation Report for FOP O-02287 covering July 20, 2005 to January 19, 2006. Self Report? NO Classification: Moderate Citation: 30 TAC Chapter 116, SubChapter B 116.115(c) 30 TAC Chapter 122, SubChapter B 122.143(4) 40 CFR Chapter 60, SubChapter C, PT 60, SubPT A 60.18(c)(2) 5C THC Chapter 382, SubChapter D 382.085(b) 647B PERMIT O-02287 OP Description: Failure to operate the E7 flare with a flame present at all times as reported in the Deviation Report for FOP O-02287 covering July 20, 2005 to January 19, 2006. Self Report? NO Classification: Moderate Citation: **29516 PERMIT** 30 TAC Chapter 116, SubChapter B 116,115(c) 30 TAC Chapter 122, SubChapter B 122.143(4) 5C THC Chapter 382, SubChapter D 382,085(b) O-02288 OP Description: Failure to maintain the minimum scrubber flow rate of 4,800 gallons per hour and the maximum Ethylene Oxide (EO) vapor flow to the scrubber of 1562.4 lbs/hr, as reported in the Deviation Report for FOP O-02288 covering February 14, 2005 to August 14, 2005. Self Report? Classification: Moderate Citation: 30 TAC Chapter 122, SubChapter B 122.143(4) 40 CFR Chapter 60, SubChapter C, PT 60, SubPT RRR 60.703(c) 40 CFR Chapter 60, SubChapter C, PT 60, SubPT RRR 60.705(d)(2) 5C THC Chapter 382, SubChapter D 382.085(b) O-02288 OP Description: Failure to conduct and maintain records of monthly inspections of by-pass seals applicable to 40 CFR Part 60, Subparts NNN/RRR/FF as reported in the Deviation Report for FOP O-02288 covering February 14, 2005 to August 14, 2005. Self Report? Classification: Moderate Citation: 30 TAC Chapter 101, SubChapter A 101.20(1) 30 TAC Chapter 101, SubChapter A 101.20(2)

30 TAC Chapter 115, SubChapter B 115.112(a)(2)(A) 30 TAC Chapter 122, SubChapter B 122.143(4) 40 CFR Chapter 60, SubChapter C, PT 60, SubPT Kb 60.112b(a)(1)(iv) 40 CFR Chapter 61, SubChapter C, PT 61, SubPT FF 61.343(a)(1)(i)(B) 5C THC Chapter 382, SubChapter D 382.085(b)

O-02288 OP

Description:

Failure to maintain the tank opening in a closed position during normal operations on Tanks T087 and T088, as reported in the Deviation Reports for FOP O-02288 covering February 14, 2005 to August 14, 2005 and August 15, 2005 to February 14, 2006.

Self Report?

Classification: Moderate

Citation:

30 TAC Chapter 106, SubChapter K 106,261(a)(7)(A) 30 TAC Chapter 116, SubChapter B 116.110(a)(4) 30 TAC Chapter 122, SubChapter B 122.143(4) 5C THC Chapter 382, SubChapter D 382.085(b) O-02288 OP

Description:

Failure to submit a Form PI-7 within 10 days following the addition of fugitive components as reported in the Deviation Report for FOP O-02288 covering February 14, 2005 to August 14, 2005.

Self Report?

Classification: Moderate

Citation: 29516 PERMIT

> 30 TAC Chapter 116, SubChapter B 116.115(c) 30 TAC Chapter 122, SubChapter B 122.143(4) 5C THC Chapter 382, SubChapter D 382.085(b) O-02288 OP

Description:

Failure to maintain records of the scrubber water flow rate and temperature, and vapor flow rate in lbs/hr at the inlet of the scrubber for Unit RSEF085 as reported in the Deviation Report for FOP O-02288 covering August 15, 2005 to February 14, 2006.

Self Report?

NO

Classification: Moderate

Citation: **19823 PERMIT**

NO

30 TAC Chapter 116, SubChapter B 116.115(c) 30 TAC Chapter 122, SubChapter B 122.143(4) 5C THC Chapter 382, SubChapter D 382.085(b)

O-02288 OP

Description:

Failure to maintain records of the Waste Heat Boiler CEMS daily calibrations for Unit A3HA35 as reported in the Deviation Report for FOP O-02288 covering

August 15, 2005 to February 14, 2006.

Self Report?

Classification: Moderate

Citation:

30 TAC Chapter 101, SubChapter A 101.20(1) 30 TAC Chapter 101, SubChapter A 101,20(2) 30 TAC Chapter 116, SubChapter B 116.115(c) 30 TAC Chapter 122, SubChapter B 122.143(4)

40 CFR Chapter 60, SubChapter C, PT 60, SubPT NNN 60.665(I) 40 CFR Chapter 60, SubChapter C, PT 60, SubPT RRR 60:705(I) 40 CFR Chapter 61, SubChapter C, PT 61, SubPT FF 61.357(d)(6)

5C THC Chapter 382, SubChapter D 382.085(b)

O-02288 OP

Description:

Failure to submit one 40 CFR Part 61, Subpart FF quarterly report for Unit PROA3WW and one 40 CFR Part 60, Subparts NNN/RRR semiannual report for applicable facilities within 30 days after the end of the applicable reporting period of December 31, 2005 as reported in the Deviation Report for FOP O-02288.

Self Report?

Classification: Moderate

Citation:

16909 PERMIT 19823 PERMIT

30 TAC Chapter 116, SubChapter B 116.115(c) 30 TAC Chapter 122, SubChapter B 122.143(4) 5C THC Chapter 382, SubChapter D 382.085(b)

O-02288 OP

Description:

Failure to submit the semiannual reports within 30 days after the end of the applicable reporting period of December 31, 2005 for Units UEHK11, CG1/CG2, and A3HA35, as reported in the Deviation Report for FOP O-02288 covering August 15, 2005 to February 14, 2006.

Date: 11/13/2006 (517041)

Self Report?

Classification: Moderate

Citation:

30 TAC Chapter 335, SubChapter F 335,152(a)(1)

40 CFR Chapter 264, SubChapter I, PT 264, SubPT B 264.15(b)(2)

P.P. II.C.1.I PERMIT P.P. II.C.2.a PERMIT

Description:

Failure to maintain safety and emergency equipment inspection records.

Date: 11/13/2006 (517036)

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 335, SubChapter C 335.69(a)(1)(B)

40 CFR Chapter 262, SubChapter I, PT 262, SubPT C 262.34(a)(1)(ii)

Description: Failure to maintain the liner in the secondary containment.

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 335, SubChapter F 335.152(a)(1)

40 CFR Chapter 264, SubChapter I, PT 264, SubPT B 264.15(d)

P.P. II.C.1.I PERMIT P.P. II.C.2.a PERMIT

Description: Failure to input the date on the daily inspection logs.

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 335, SubChapter F 335.152(a)(1)

40 CFR Chapter 264, SubChapter I, PT 264, SubPT B 264.15(d)

P.P. II.C.1.I PERMIT P.P. II.C.2.a PERMIT

Description: Failure to input the signature of the inspector on the daily inspection logs.

Self Report? NO Classification: Moderate

Self Report? NO
Citation: 30 TAC Chapter 335, SubChapter F 335.152(a)(1)

40 CFR Chapter 264, SubChapter I, PT 264, SubPT B 264.15(a)

P.P. II.C.1.I PERMIT P.P. II.C.2.a PERMIT

Description: Failure to conduct required daily inpsection of the BIF and hazardous waste

tanks for malfunctions, deteriorations, operator errors, and discharges.

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 335, SubChapter H 335.221(a)(6)

40 CFR Chapter 266, SubChapter I, PT 266, SubPT H 266.102(e)(8)(iv)

P.P. II.C.1.p PERMIT P.P. II.C.2.i PERMIT

Description: Failure to test for all associated alarms and parameters during the automatic

waste feed cut-off monthly test as required by the permit.

Date: 01/18/2007 (531872) CN603603093

Self Report? NO Classification: Moderate

Citation: 20160 SC 15E PERMIT 20160 SC 2C PERMIT 20160 SC 3 PERMIT 20160 SC 3 PERMIT

30 TAC Chapter 101, SubChapter A 101.20(1) 30 TAC Chapter 113, SubChapter C 113.130 30 TAC Chapter 115, SubChapter D 115.352(4) 30 TAC Chapter 116, SubChapter B 116.115(c) 30 TAC Chapter 122, SubChapter B 122.143(4)

40 CFR Chapter 60, SubChapter C, PT 60, SubPT VV 60.482-6(a)(1) 40 CFR Chapter 63, SubChapter C, PT 63, SubPT H 63.167(a)(1)

5C THC Chapter 382, SubChapter D 382.085(b)

O-01322 SC 17 OP

Description: Failure to have cap and plugs installed on open-ended lines.

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 122, SubChapter B 122.143(4)

30 TAC Chapter 122, SubChapter B 122.146(2) 5C THC Chapter 382, SubChapter D 382.085(b) O-01322 General Terms and Conditions OP

O-01322 SC 20 OP

Description: Failure to submit the annual compliance certification for FOP O-01322 in a timely

manner.

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(1)

30 TAC Chapter 122, SubChapter B 122.143(4) 30 TAC Chapter 122, SubChapter B 122.144(1)(G)

40 CFR Chapter 60, SubChapter C, PT 60, SubPT A 60.13(a) 40 CFR Chapter 60, SubChapter C, PT 60, SubPT A 60.7(f)

5C THC Chapter 382, SubChapter D 382.085(b)

O-01322 SC 10A OP O-01322 SC IA OP Description: Failure to maintain records of daily calibration of continuous monitors and failure

to continuously monitor due to failed calibrations.

Self Report? NO

30 TAC Chapter 122 SubChapter

30 TAC Chapter 122, SubChapter B 122.145(2)(A)

5C THC Chapter 382, SubChapter D 382.085(b)

Description: Failure to report all instances of devaitions.

Self Report? NO

O Classification: Moderate

Citation:

Citation:

30 TAC Chapter 113, SubChapter C 113.110 30 TAC Chapter 122, SubChapter B 122.143(4)

40 CFR Chapter 63, SubChapter C, PT 63, SubPT A 63.10(b)(1) 40 CFR Chapter 63, SubChapter C, PT 63, SubPT H 63.182(d)

5C THC Chapter 382, SubChapter D 382,085(b)

O-01322 SC 12G OP O-01322 SC 1A OP

Description:

Failure to submit a required semiannual report.

Self Report? No

30 TAC Chapter 101, SubChapter A 101,20(1)

Citation:

30 TAC Chapter 113, SubChapter C 113.130 30 TAC Chapter 115, SubChapter D 115.354(3) 30 TAC Chapter 122, SubChapter B 122.143(4)

40 CFR Chapter 60, SubChapter C, PT 60, SubPT VV 60.482-2(a)(2) 40 CFR Chapter 60, SubChapter C, PT 60, SubPT VV 60.482-2(d)(4) 40 CFR Chapter 63, SubChapter C, PT 63, SubPT H 63.163(b)(3) 40 CFR Chapter 63, SubChapter C, PT 63, SubPT H 63.173(b)(1)

5C THC Chapter 382, SubChapter D 382,085(b)

Description:

Failure to maintain records of weekly pump and flange check.

Date: 06/27/2007

(543284)

CN603603093

Self Report? NO

UV

Classification: Moderate

Classification: Moderate

Classification:

Classification:

Moderate

Moderate

Citation:

19823 Special Condition 20 PERMIT 30 TAC Chapter 116, SubChapter B 116.115(c) 30 TAC Chapter 122, SubChapter B 122.143(4) 5C THC Chapter 382, SubChapter D 382.085(b) FOP 2288 General Terms and Conditions OP

FOP 2288 Special Condition 16 OP

Description:

Citation:

Failure to conduct stack sampling or fuel analysis for SO2 emissions as required

by Permit 19823 Special Condition 20. EIC B(1) MOD 2(A)

Date: 07/31/2007

(558200)

CN603603093

Self Report? NO

01320 Special Condition 13 OP

02288 Special Condition 16 OP 19823 Special Condition 18E PERMIT

30 TAC Chapter 101, SubChapter A 101.20(1) 30 TAC Chapter 113, SubChapter C 113.130 30 TAC Chapter 115, SubChapter D 115.352(4) 30 TAC Chapter 116, SubChapter B 116.115(c)

30 TAC Chapter 122, SubChapter B 122.143(4)

36646 Special Condition 8E PERMIT

40 CFR Chapter 60, SubChapter C, PT 60, SubPT VV 60.482-6(a)(1) 40 CFR Chapter 63, SubChapter C, PT 63, SubPT H 63.167(a)(1)

5952 Special Condition 21E PERMIT 5972A Special Condition 10 PERMIT 5972A Special Condition 17E PERMIT 5972A Special Condition 7 PERMIT

5C THC Chapter 382, SubChapter D 382.085(b)

Description:

Failure to operate without a cap, blind flange, plug, or a second valve installed.

C10 cannot be picked.

Self Report? NO

Classification: Moderate

Citation:

01320 Special Condition 13 OP

30 TAC Chapter 113, SubChapter C 113.120 30 TAC Chapter 116, SubChapter B 116.115(c) 30 TAC Chapter 122, SubChapter B 122.143(4)

40 CFR Chapter 63, SubChapter C, PT 63, SubPT H 63.163(a)

5972A Special Condition 5A PERMIT

Page **24** of **40**

5C THC Chapter 382, SubChapter D 382.085(b)

Description:

Failure to monitor, record and maintain the F-4 Firebox temperature above the

permitted limit.

Self Report? NO

01320 Special Condition 13 OP

Classification: Moderate

Moderate

Moderate

Moderate

Moderate

Moderate

Classification: Moderate

Classification:

Classification:

Classification:

Classification:

Classification:

Classification: Moderate

Citation:

30 TAC Chapter 113, SubChapter C 113,120 30 TAC Chapter 116, SubChapter B 116,115(c) 30 TAC Chapter 122, SubChapter B 122,143(4)

40 CFR Chapter 63, SubChapter C, PT 63, SubPT G 63,119(e)

5972A Special Condition 4 PERMIT

5C THC Chapter 382, SubChapter D 382.085(b)

Description:

Failure to maintain records of tank pressure.

Self Report? Citation:

01320 Special Condition 13 OP

30 TAC Chapter 116, SubChapter B 116.115(c) 30 TAC Chapter 122, SubChapter B 122.143(4)

5952 Special Condition 12 PERMIT

5C THC Chapter 382, SubChapter D 382.085(b)

Description:

Failure to monitor, record and maintain the F-6 Firebox temperature above the

permitted limit

Self Report? NO

Citation:

30 TAC Chapter 122, SubChapter B 122.143(4)

30 TAC Chapter 122, SubChapter B 122,145(2)(A) 5C THC Chapter 382, SubChapter D 382.085(b)

Description:

Citation:

Failure to report all instances of deviations.

Self Report? NO

01320 Special Condition 13 OP

30 TAC Chapter 116, SubChapter B 116.115(c)

30 TAC Chapter 122, SubChapter B 122.143(4) 30 TAC Chapter 122, SubChapter B 122.144(1)

36646 Special Condition 12 PERMIT

5C THC Chapter 382, SubChapter D 382.085(b)

Description:

Citation:

Failure to maintain records of monthly monitoring.

Self Report?

30 TAC Chapter 111, SubChapter A 111.111(a)(4)(A)(ii)

30 TAC Chapter 122, SubChapter B 122.144

5C THC Chapter 382, SubChapter D 382,085(b)

Description:

Failure to maintain records of the daily flare observations.

Self Report? Citation: 02288 Special Condition 16 OP

> 30 TAC Chapter 116, SubChapter B 116.115(c) 30 TAC Chapter 122, SubChapter B 122.143(4)

5C THC Chapter 382, SubChapter D 382,085(b)

Description:

Citation:

Failure to monitor NOx. CO and O2 at CG1/UEHK9 and CG2/UEHK10.

Self Report? NO

02288 Special Condition 16 OP

16909 Special Condition 15l PERMIT 30 TAC Chapter 116, SubChapter B 116.115(c) 30 TAC Chapter 122, SubChapter B 122.143(4) 30 TAC Chapter 122, SubChapter B 122.144(1)

5C THC Chapter 382, SubChapter D 382.085(b)

Description: Citation:

Failure to maintain records.

Self Report? NO

02288 Special Condition 16 OP

19823 Special Condition 14A PERMIT 30 TAC Chapter 116, SubChapter B 116,115(c) 30 TAC Chapter 122, SubChapter B 122,143(4) 5C THC Chapter 382, SubChapter D 382.085(b)

Description:

Failure to have the cooling tower water sample port installed as required by

permit.

Self Report?

02288 Special Condition 16 OP

Classification: Moderate

Citation:

16909 Special Condition 12A PERMIT 19823 Special Condition 21D PERMIT

30 TAC Chapter 116, SubChapter B 116.115(c) 30 TAC Chapter 122, SubChapter B 122.143(4) 30 TAC Chapter 122, SubChapter B 122.144(1)

Page 25 of 40

5C THC Chapter 382, SubChapter D 382,085(b)

Description: Failure to monitor and maintain records of daily zero and span of continuous

monitors.

Self Report?

Classification: Moderate

Citation:

02288 Special Condition 16 OP 19823 Special Condition 10 PERMIT

30 TAC Chapter 116, SubChapter B 116.115(c) 30 TAC Chapter 122, SubChapter B 122.143(4) 5C THC Chapter 382, SubChapter D 382.085(b)

Failure to comply with conditions of a permit. Description:

Self Report?

Classification: Moderate

Classification: Moderate

Citation:

02288 Special Condition 16 OP 16909 Special Condition 14 PERMIT

30 TAC Chapter 101, SubChapter A 101.20(1) 30 TAC Chapter 116, SubChapter B 116.115(c) 30 TAC Chapter 122, SubChapter B 122.143(4) 5C THC Chapter 382, SubChapter D 382.085(b)

Description:

Failure to monitor.

Self Report? NO

02288 Special Condition 16 OP

Citation:

19823 Special Condition 10C PERMIT 30 TAC Chapter 101, SubChapter A 101.20(1) 30 TAC Chapter 111, SubChapter A 111.111(a)(4)(A) 30 TAC Chapter 116, SubChapter B 116.115(c) 30 TAC Chapter 122, SubChapter B 122.143(4)

40 CFR Chapter 60, SubChapter C, PT 60, SubPT A 60.18(c)(1)

5C THC Chapter 382, SubChapter D 382.085(b)

Description:

Failure to operate the flare in a smokeless manner.

Self Report? NO Citation:

Classification: Moderate 30 TAC Chapter 122, SubChapter B 122.145(2)(A)

5C THC Chapter 382, SubChapter D 382.085(b)

Description: Failure to report all instances of deviations.

Self Report?

NO

Classification: Moderate

Citation:

02288 Special Condition 1 E OP

30 TAC Chapter 101, SubChapter A 101,20(1) 30 TAC Chapter 115, SubChapter B 115.112(a)(2)(A)

40 CFR Chapter 60, SubChapter C, PT 60, SubPT Kb 60.112b(a)(1)(iv) 40 CFR Chapter 63, SubChapter C, PT 63, SubPT WW 63.1063(b)(3)

5C THC Chapter 382, SubChapter D 382.085(b)

Description:

Failure to maintain the tank opening in a closed position during normal operations

on Tank T087.

Self Report?

Classification: Moderate

Citation: 02288 Special Condition 16 OP 30 TAC Chapter 116, SubChapter B 116.115(c)

30 TAC Chapter 122, SubChapter B 122,143(4)

49247 Special Condition 7 PERMIT

5C THC Chapter 382, SubChapter D 382.085(b)

Description:

Citation:

Failure to maintain emissions rate below the allowable limit.

Self Report?

Classification:

30 TAC Chapter 122, SubChapter B 122.143(4) 30 TAC Chapter 122, SubChapter B 122.145(2)(B) 30 TAC Chapter 122, SubChapter B 122.145(2)(C) 5C THC Chapter 382, SubChapter D 382.085(b)

General Terms and Conditions OP

Description:

Failure to submit a semiannual deviation report.

Self Report?

01320 Special Condition 15 OP

30 TAC Chapter 122, SubChapter B 122.143(4) 30 TAC Chapter 122, SubChapter B 122.146(2) 5C THC Chapter 382, SubChapter D 382.085(b)

Description:

Citation:

Failure to submit an annual permit compliance certification (ACC) report within 30

days of the certification period.

Date: 09/27/2007

(570470)

CN603603093

Self Report? NO

Classification: Moderate

Classification:

Moderate

Moderate

Citation:

30 TAC Chapter 101, SubChapter A 101.20(1) 30 TAC Chapter 113, SubChapter C 113.500

40 CFR Chapter 60, SubChapter C, PT 60, SubPT A 60.18(c)(1) 40 CFR Chapter 63, SubChapter C, PT 63, SubPT A 63.11(b)(4) 40 CFR Chapter 63, SubChapter C, PT 63, SubPT SS 63.987(a)

5C THC Chapter 382, SubChapter D 382.085(b)

Description:

Citation:

Failure to limit the frequency of visible smoke emissions from Huntsman's Low

Pressure Flare Number (No.) 2.

Date: 12/17/2007

(597547)

CN603603093

Classification: Moderate

Self Report? NO

30 TAC Chapter 101, SubChapter A 101.20(1) 30 TAC Chapter 122, SubChapter B 122.143(4) 30 TAC Chapter 122, SubChapter B 122.144(1)

40 CFR Chapter 60, SubChapter C, PT 60, SubPT A 60.13 40 CFR Chapter 60, SubChapter C, PT 60, SubPT A 60.7(f)

5C THC Chapter 382, SubChapter D 382.085(b)

O-01322 Special Condition 10A OP O-01322 Special Condition 1A OP

Description: Self Report? Failure to maintain records of daily calibration.

Classification: Moderate

Citation:

30 TAC Chapter 111, SubChapter A 111.111(a)(4)(A)(ii)
30 TAC Chapter 115, SubChapter C 115.216(1)(B)
30 TAC Chapter 122, SubChapter B 122.143(4)
30 TAC Chapter 122, SubChapter B 122.144(1)
5C THC Chapter 382, SubChapter D 382.085(b)

O-01322 Special Condition 1A OP O-01322 Special Condition 6A(vi) OP O-01322 Special Condition 7A(v) OP

Description:

Failure to record daily flare observations.

Date: 07/09/2008

(682286)

Self Report? NO

Classification:

Moderate

Citation:

30 TAC Chapter 116, SubChapter B 116.115(c) 30 TAC Chapter 122, SubChapter B 122.143(3)

5C THSC Chapter 382 382.085(b) Special Condition 11 PERMIT Special Condition 13 OP

Description:

Failure to comply with the VOC emissions limits as specified in the confidential

section of the permit application of Permit 36646.

Self Report? Citation:

NO

30 TAC Chapter 116, SubChapter B 116.115(c)

30 TAC Chapter 122, SubChapter B 122.143(4)

5C THSC Chapter 382 382.085(b) Special Condition 13 OP Special Condition 13 PERMIT

Description:

Failure to comply with tank throughput limits for tank TG-39 as specified in the

confidential section of the permit application for Permit 36646.

Self Report?

Citation:

NO

Classification: Moderate

Classification: Moderate

Classification: Moderate

30 TAC Chapter 116, SubChapter B 116.115(c)

30 TAC Chapter 122, SubChapter B 122.143(4) 5C THSC Chapter 382 382.085(b)

Special Condition 1 PERMIT
Special Condition 13 OP

Description:

Citation:

Failure to comply with VOC emissions limits of the MAERT for tanks TG-38 and

TG-39 (group 20), based on throughput exceedances of tank TG-39.

Self Report?

30 TAC Chapter 116, SubChapter B 116.115(c)

30 TAC Chapter 122, SubChapter B 122.143(4)

5C THSC Chapter 382 382.085(b) Special Condition 12 PERMIT Special Condition 13 OP

Description:

Failure to maintain minimum incinerator firebox temperature at 1737 degrees

Fahrenheit in the F6 Unit incinerator.

Self Report? NO Classification: Minor 30 TAC Chapter 115, SubChapter D 115.352(4) Citation: 30 TAC Chapter 116, SubChapter B 116.115(c) 30 TAC Chapter 122, SubChapter B 122,143(4) 5C THSC Chapter 382 382.085(b) Special Condition 13 OP Special Condition 16(E) PERMIT Description: Failure to cap an open-ended line in VOC service.

Self Report?

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)

30 TAC Chapter 122, SubChapter B 122.143(4)

5C THSC Chapter 382 382.085(b) Special Condition 13 OP

Special Condition 4 PERMIT

Description: Failure to maintain minimum incinerator firebox temperature at 1704 degrees

Classification:

Moderate

Fahrenheit in the F4 Unit incinerator.

Self Report? Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116,115(c) 30 TAC Chapter 122, SubChapter B 122,143(4)

Special Condition 5 PERMIT

5C THSC Chapter 382 382,085(b) Special Condition 16 OP

Description: Failure to comply with the emissions limits of NOx and CO as specified by SC 5 of

Permit 16909.

Self Report? Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)

30 TAC Chapter 122, SubChapter B 122.143(4)

5C THSC Chapter 382 382.085(b) Special Condition 16 OP Special Condition 9(A) PERMIT

Description: Failure to conduct daily monitoring on CAS connected to tank T-A3-29 on three

occasions.

Self Report? Classification: Minor

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)

30 TAC Chapter 122, SubChapter B 122.143(4) 5C THSC Chapter 382 382.085(b)

Special Condition 16 OP Special Condition 6 PERMIT

Description: Failure to maintain accurate railcar cleaning records.

Classification: Self Report? Moderate

Citation: 30 TAC Chapter 122, SubChapter B 122.143(4)

30 TAC Chapter 122, SubChapter B 122,145(2)(A) 30 TAC Chapter 122, SubChapter B 122.145(2)(B)

5C THSC Chapter 382 382.085(b) General Terms and Conditions OP

Description: Failure to submit a deviation report in a timely manner for deviations documented

on August 14, 2008.

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)

30 TAC Chapter 122, SubChapter B 122.143(4)

5C THSC Chapter 382 382.085(b) Special Condition 16 OP Special Condition 4 PERMIT

Description: Failure to maintain CO emissions within the allowable limits as stated in SC 4 of

the permit.

Self Report? Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)

30 TAC Chapter 122, SubChapter B 122,143(4) 5C THSC Chapter 382 382.085(b)

Special Condition 16 OP Special Condition 4 PERMIT

Description: Failure to maintain NOx emissions within the allowable limits as stated in SC 4 of

the permit.

Self Report? Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)

> 30 TAC Chapter 122, SubChapter B 122,143(4) 5C THSC Chapter 382 382.085(b)

Special Condition 16 OP Special Condition 4 PERMIT

Description:

Failure to maintain CO emissions in ppmvd within the allowable limits as stated in

SC 4 of the permit.

Self Report?

Classification: Moderate

30 TAC Chapter 116, SubChapter B 116.115(c) Citation: 30 TAC Chapter 122, SubChapter B 122.143(4)

> 5C THSC Chapter 382 382.085(b) Special Condition 12 (A) PERMIT

Special Condition 16 OP

Description:

Failure to maintain NOx emissions in ppmvd within the allowable limits as stated in

SC 12(A) of the permit.

Self Report?

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c) 30 TAC Chapter 122, SubChapter B 122.143(4)

5C THSC Chapter 382 382.085(b)

Special Condition 16 OP

Special Condition 22 (D) PERMIT

Description:

Failure to maintain waste heat boiler CEMS daily calibration records on two

occasions.

Self Report?

NO Citation:

Classification; Moderate 30 TAC Chapter 116, SubChapter B 116.115(c)

30 TAC Chapter 122, SubChapter B 122,143(4)

5C THSC Chapter 382 382.085(b) Special Condition 16 OP Special Condition 4 PERMIT

Description:

Failure to maintain emission of NOx and CO in ppmvd from CG2, below the

permitted limits as per SC 4 of Permit 16909.

Self Report?

NO Citation:

30 TAC Chapter 116, SubChapter B 116.115(c)

30 TAC Chapter 122, SubChapter B 122.143(4)

5C THSC Chapter 382 382.085(b) Special Condition 12(b) PERMIT Special Condition 16 OP

Description:

Failure to conduct daily CEMS calibrations on CG1 CEMS

Self Report?

Citation:

Classification: Moderate 30 TAC Chapter 116, SubChapter B 116.115(c)

30 TAC Chapter 122, SubChapter B 122,143(4)

5C THSC Chapter 382 382.085(b) Special Condition 1 PERMIT Special Condition 16 OP

Description:

Failure to comply with the emissions limits of the MAERT of Permit 16909 as

applicable to Boiler 11.

Self Report? Citation:

Classification: Moderate 30 TAC Chapter 116, SubChapter B 116.115(c)

30 TAC Chapter 122, SubChapter B 122.143(4)

5C THSC Chapter 382 382.085(b) Special Condition 15(I) PERMIT

Special Condition 16 OP

Description:

Failure to maintain Boller 11 CEMS calibration records.

Self Report? NO

Classification: Moderate

Citation:

30 TAC Chapter 122, SubChapter B 122.143(4)

30 TAC Chapter 122, SubChapter B 122.145(2)(A)

5C THSC Chapter 382 382,085(b) General Terms and Conditions OP

Description:

Failure to report deviations for the reporting period of February 19, 2007 through February 19, 2008 as required by FOP-O-01320; and for the reporting period of February 14, 2007 through February 14, 2008 as required by FOP-O-02288.

Date: 08/26/2008

(700526)

Self Report?

Classification: Minor

Classification: Moderate

Citation:

30 TAC Chapter 122, SubChapter B 122,143(4)

30 TAC Chapter 122, SubChapter B 122.145(2)(C)

5C THSC Chapter 382 382,085(b) General terms and Conditions OP

Description:

Failure to submit the semi-annual deviation report for FOP-O-02287 for the period

of July 20, 2007, through January 20, 2008, in a timely manner.

Self Report?

Classification: Minor

Citation:

30 TAC Chapter 122, SubChapter B 122,143(4) 30 TAC Chapter 122, SubChapter B 122.146(2)

5C THSC Chapter 382 382.085(b) General terms and Conditions OP

Description:

Failure to submit the Annual Compliance Certification report for FOP-O-02287 for the period of January 20, 2007, through January 20, 2008, in a timely manner.

Date: 12/09/2008

CN603603093

Self Report?

Classification: Moderate

Citation:

30 TAC Chapter 101, SubChapter F 101.201(a)(1)(B)

30 TAC Chapter 122, SubChapter B 122,143(4)

5C THSC Chapter 382 382.085(b)

FOP O-01320 General Terms and Conditions OP

FOP O-01320 Special Condition 2F OP

Description:

Failure to properly report an emissions event. EIC C,3 MIN 3,C

Self Report? Citation:

Classification: Moderate

30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)

Classification: Moderate

Classification: Moderate

Classification: Moderate

(654938)

30 TAC Chapter 116, SubChapter B 116.115(c) 30 TAC Chapter 122, SubChapter B 122,143(4)

5C THSC Chapter 382 382.085(b)

FOP O-01320 General Terms and Conditions OP

FOP O-01320 Special Condition 13 OP

NSR Permit 5807A Special Condition 1 PERMIT

Description:

Citation:

Failure to maintain emission rates below the allowable emission limits. EIC B.13

MOD 2.D

Date: 02/20/2009

(726148)

CN603603093

Self Report?

30 TAC Chapter 116, SubChapter B 116.115(c)

30 TAC Chapter 122, SubChapter B 122.143(4)

5C THSC Chapter 382 382.085(b) Special Condition 5(A) PERMIT Special Condition 16 OP

Description:

Failure to submit a testing plan to the TCEQ no later than 90 days prior to the initial

start-up of the Oxygen injection system.

Date: 04/17/2009

(737882)

CN603603093

Self Report? Citation:

30 TAC Chapter 116, SubChapter B 116.115(c)

30 TAC Chapter 122, SubChapter B 122.143(4)

5C THSC Chapter 382 382.085(b) Special Condition 10 OP Special Condition 10 PERMIT

Description:

Failure to maintain minimum caustic concentrations as required by SC 10 of Permit

Self Report? Citation:

30 TAC Chapter 116, SubChapter B 116.115(c)

Classification: Moderate

30 TAC Chapter 122, SubChapter B 122.143(4)

5C THSC Chapter 382 382.085(b) Special Condition 10 OP Special Condition 10 PERMIT

Description:

Failure to conduct weekly testing for caustic concentration as required by this

SC 10 of Permit 20134.

Self Report? Citation:

NO

30 TAC Chapter 122, SubChapter B 122,133(2)

30 TAC Chapter 122, SubChapter C 122.241(b)

5C THSC Chapter 382 382.085(b) General Terms and Conditions OP

Description:

Failure to submit FOP-O-02286 renewal application in a timely manner.

Date: 04/24/2009 (735944)

Self Report? NO Classification: 30 TAC Chapter 335, SubChapter A 335,6(c)

Citation:

P.P.II.C.1.j. PERMIT

Failure to continuously update the Notice of Registration (NOR) regarding the

21412961, waste stream's management unit, and status of active or inactive.

Self Report?

Description:

Classification:

Minor

Citation:

30 TAC Chapter 335, SubChapter F 335.152(a)(1)

40 CFR Chapter 263, SubChapter I, PT 263, SubPT C 264.13(b)

P.P.II.C.1.k. PERMIT P.P.II.C.2.a. PERMIT P.P.IV.A PERMIT

Description: Self Report? Failure to follow the Waste Analysis Plan (WAP) for the annual waste analysis. Classification: Moderate

30 TAC Chapter 335, SubChapter C 335.69(a)(1)(B)

Citation:

40 CFR Chapter 262, SubChapter I, PT 262, SubPT C 262.34(a)(1)(ii)

P.P.II.C.1.I PERMIT P.P.II.C.2.a. PERMIT

Description:

Failure to properly maintain the impermeable liner in the secondary containment. Classification: Minor

Self Report? Citation:

30 TAC Chapter 335, SubChapter F 335.152(a)(1)

40 CFR Chapter 263, SubChapter I, PT 263, SubPT C 264.15(d)

P.P.II.C.1.I PERMIT P.P.II.C.2.a. PERMIT

Description:

Failure to place the name of the inspector on the daily inspection logs for the

Utilities Area and Feed Prep Area.

Date: 05/29/2009

(745721)

Self Report?

Classification: Moderate

Citation:

30 TAC Chapter 116, SubChapter B 116.116(a)(1) 30 TAC Chapter 122, SubChapter B 122.143(4)

5C THSC Chapter 382 382.085(b) Special Condition 1 PERMIT Special Condition 9 OP

Description:

Failure to properly authorize the spray scrubber in the E7 Unit (EPN:

E7LRMOCW). NO

Self Report?

Classification: Moderate 30 TAC Chapter 116, SubChapter B 116,115(c)

Citation: 30 TAC Chapter 122, SubChapter B 122.143(4)

> 5C THSC Chapter 382 382.085(b) Special Condition 1 PERMIT

Special Condition 9 OP

Description:

Failure to maintain Ammonia emissions from the process wastewater as

permitted by Permit 5807A.

Date: 06/02/2009

(743286)

Self Report?

Classification: Moderate

Citation:

30 TAC Chapter 116, SubChapter B 116.115(c)

30 TAC Chapter 122, SubChapter B 122.143(4) 5C THSC Chapter 382 382.085(b)

Special Condition 17 OP Special Condition 8 PERMIT

Description:

Failure to comply with the requirement of absence of Ammonia odors as required

by Special Condition 8 of permit 20160.

Self Report?

Classification: Moderate

Citation:

30 TAC Chapter 116, SubChapter B 116.115(c)

30 TAC Chapter 122, SubChapter B 122.143(4)

5C THSC Chapter 382 382.085(b) Special Condition 17 OP

Special Condition 9(D) PERMIT

Description:

Failure to comply with the CO concentration limits of 100 ppmvd as stated in SC

9(D).

Self Report? NO Classification: Moderate

Citation:

30 TAC Chapter 116, SubChapter B 116,115(c)

30 TAC Chapter 122, SubChapter B 122,143(4)

5C THSC Chapter 382 382.085(b) Special Condition 12(E) PERMIT Special Condition 17 OP

Description: Self Report? Failure to conduct annual calibrations on the monitors as required by SC 12(E). Classification; Moderate

Citation:

30 TAC Chapter 116, SubChapter B 116,115(c) 30 TAC Chapter 122, SubChapter B 122,143(4)

5C THSC Chapter 382 382,085(b) Special Condition 14(F) PERMIT

Special Condition 17 OP

Description:

Failure to maintain weekly records of the reading of the pressure sensing device

to verify disc integrity in the unit log.

Self Report?

Classification: Moderate 30 TAC Chapter 116, SubChapter B 116.115(c)

Citation:

30 TAC Chapter 122, SubChapter B 122.143(4)

40 CFR Chapter 60, SubChapter C, PT 60, SubPT K 60.113(b)

5C THSC Chapter 382 382.085(b) Special Condition 17 OP Special Condition 21(B) PERMIT

Description:

Failure to conduct tank seal inspections for Tank T-F5-009 within 12 months as

Classification:

Moderate

required by 40 CFR 60.113(b).

Self Report? Citation:

30 TAC Chapter 115, SubChapter D 115,352(4)

30 TAC Chapter 116, SubChapter B 116,115(c) 30 TAC Chapter 122, SubChapter B 122.143(4)

40 CFR Part 60, Subpart VV 60,482-6 5C THSC Chapter 382 382,085(b) Special Condition 14(E) PERMIT Special Condition 17 OP

Description:

Citation:

Failure to equip valves and lines with a cap, blind flange, plug or a second valve.

Self Report?

NO 30 TAC Chapter 116, SubChapter B 116.115(c)

Classification: Moderate

30 TAC Chapter 122, SubChapter B 122.143(4)

5C THSC Chapter 382 382.085(b) Special Condition 11(A) PERMIT Special Condition 17 OP

Description:

Failure to comply with the NOx emissions rates as specified in Special Condition

11(A) of permit 20160.

Self Report? NO Citation:

30 TAC Chapter 116, SubChapter B 116.115(c)

5C THSC Chapter 382 382.085(b) Special Condition 11(A) PERMIT

Description:

Failure to comply with the NOx emissions rates as specified in Special Condition

11(A) of permit 20160.

Self Report? Citation:

30 TAC Chapter 116, SubChapter B 116.115(c)

5C THSC Chapter 382 382.085(b) Special Condition 9(D) PERMIT

Description:

Failure to comply with the CO concentration rates as specified in Special

Condition 9(D) of permit 20160.

Self Report? Citation:

NO

Classification: Moderate

30 TAC Chapter 116, SubChapter B 116.115(c)

5C THSC Chapter 382 382.085(b) Special Condition 4(D)(i) PERMIT

Description:

Failure to comply with the emissions limits of NOx during start-up of Boiler 4 (EPN:

H-K2-004).

Self Report?

Classification: Moderate

Classification: Moderate

Classification: Moderate

Citation:

30 TAC Chapter 116, SubChapter B 116.115(c)

5C THSC Chapter 382 382,085(b) Special Condition 14(F) PERMIT

Description:

Failure to tag and monitor LDAR components on process liquid fuel filters.

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)

> 30 TAC Chapter 122, SubChapter B 122,143(4) 30 TAC Chapter 122, SubChapter B 122.145(2)(A)

5C THSC Chapter 382 382.085(b) General Terms and Conditions OP

Description:

Failure to report all instances of deviations as required by FOP-O-01322 and 30

TAC 122,145(2)(A).

Date: 06/16/2009

(743080)

CN603603093

Classification: Moderate

Classification: Minor

Classification:

Classification: Moderate

Moderate

Self Report? NO

Citation:

30 TAC Chapter 116, SubChapter B 116.115(c)

30 TAC Chapter 117, SubChapter G 117.8100(a)(1)(C)

5C THSC Chapter 382 382.085(b) Special Condition 7(B) PERMIT

Description:

Failure to conduct successive Continuous Emissions Monitoring System (CEMS)

audits no closer than 2 months.

Seif Report? NO Citation:

30 TAC Chapter 113, SubChapter C 113,130 30 TAC Chapter 122, SubChapter B 122.143(4)

40 CFR Chapter 63, SubChapter C, PT 63, SubPT H 63.182(d)(1)

5C THSC Chapter 382 382.085(b) Special Condition 1(A) OP

Description:

Failure to submit a complete HON fugitive monitoring report for the semi-annual

reporting period of July 1, 2008 through December 31, 2008.

Date: 08/25/2009

(760297)

Self Report? NO

30 TAC Chapter 116, SubChapter B 116.115(c)

Citation:

30 TAC Chapter 122, SubChapter B 122.143(4)

5C THSC Chapter 382 382.085(b) Special Condition 12(A) PERMIT

Special Condition 16 OP

Description:

Citation:

Failure to maintain average hourly concentration of NOx and CO as permitted by

SC 12(A) of permit 19823.

Self Report?

NO

30 TAC Chapter 116, SubChapter B 116.115(c)

30 TAC Chapter 122, SubChapter B 122.143(4)

5C THSC Chapter 382 382.085(b) Special Condition 1 PERMIT Special Condition 16 OP

Description: Self Report? Failure to maintain emissions as specified by the MAERT of permit 19823. Classification: Moderate

Citation:

30 TAC Chapter 116, SubChapter B 116.115(c)

30 TAC Chapter 122, SubChapter B 122.143(4)

5C THSC Chapter 382 382.085(b) Special Condition 16 OP Special Condition 24 (F) PERMIT

Description:

Citation:

Failure to maintain concentration limits of benzene and toluene in the wastewater

as permitted by SC 24(F) of Permit 19832.

Self Report? NO

30 TAC Chapter 116, SubChapter B 116,115(c)

30 TAC Chapter 122, SubChapter B 122.143(4)

5C THSC Chapter 382 382.085(b)

Special Condition 16 OP

Special Condition 22(B) PERMIT

Description:

Failure to conduct a quarterly cylinder gas audit on the waste heat boiler exhaust

for the first calendar quarter of 2008.

Self Report?

Classification: Moderate

Classification: Moderate

Citation:

30 TAC Chapter 116, SubChapter B 116.115(c)

30 TAC Chapter 122, SubChapter B 122.143(4)

5C THSC Chapter 382 382.085(b)

Special Condition 16 OP Special Condition 5(B) PERMIT Description: Failure to maintain CO concentration limits of 100 ppmvd as permitted by SC 5(B)

of permit 16909.

Self Report?

30 TAC Chapter 116, SubChapter B 116.115(c) Citation:

30 TAC Chapter 122, SubChapter B 122.143(4)

5C THSC Chapter 382 382.085(b) Special Condition 16 OP Special Condition 5(A) PERMIT

Description:

Failure to maintain average NOx emissions as permitted by SC 5(A) of permit

Classification: Moderate

Classification: Moderate

Classification: Moderate

Classification: Minor

Self Report? NO Citation:

30 TAC Chapter 116, SubChapter B 116.115(c)

30 TAC Chapter 122, SubChapter B 122.143(4)

5C THSC Chapter 382 382.085(b) Special Condition 16 OP Special Condition 4 PERMIT

Description: Self Report?

Failure to maintain emissions limits as permitted by SC 4 of permit 16909.

30 TAC Chapter 116, SubChapter B 116.115(c) Citation:

30 TAC Chapter 122, SubChapter B 122.143(4) 5C THSC Chapter 382 382.085(b) Special Condition 1 PERMIT Special Condition 16 OP

Description:

Failure to maintain emissions as specified by the MAERT of permit 16909. Classification: Minor

Self Report? NO Citation:

30 TAC Chapter 122, SubChapter B 122.143(4)

30 TAC Chapter 122, SubChapter B 122.145(2)(C)

5C THSC Chapter 382 382.085(b) General terms and Conditions OP

Description:

Failure to submit the semi-annual deviation report for FOP-O-02288 for the period

of August 14, 2008, through February 14, 2009, in a timely manner.

Self Report?

Citation:

30 TAC Chapter 122, SubChapter B 122.143(4)

30 TAC Chapter 122, SubChapter B 122.146(2)

5C THSC Chapter 382 382,085(b) General terms and Conditions OP

Description:

Failure to submit the Annual Compliance Certification report for FOP-O-02288 for

the period of February 14, 2008, through February 14, 2009, in a timely manner.

Date: 12/22/2009 (781839)

Self Report?

Classification: Minor

Citation:

30 TAC Chapter 115, SubChapter D 115,352(4) 30 TAC Chapter 116, SubChapter B 116.115(c) 30 TAC Chapter 122, SubChapter B 122.143(4)

5C THSC Chapter 382 382.085(b) Special Condition 13 OP Special Condition 16(E) PERMIT

Description:

Citation:

Failure to cap open-ended lines in VOC service.

Self Report?

Classification:

30 TAC Chapter 116, SubChapter B 116.115(c) 30 TAC Chapter 122, SubChapter B 122.143(4)

5C THSC Chapter 382 382.085(b) Special Condition 12 PERMIT Special Condition 13 OP

Description:

Failure to maintain minimum incinerator firebox temperature at 1737 degrees

Fahrenheit in the F6 Unit incinerator.

Date: 04/19/2010

(788324)

CN603603093

Self Report? NO

Classification: Minor

Moderate

30 TAC Chapter 101, SubChapter F 101.201(a)(1)(A) Citation:

30 TAC Chapter 101, SubChapter F 101.201(a)(1)(B) 30 TAC Chapter 101, SubChapter F 101.201(a)(2)(C) 30 TAC Chapter 101, SubChapter F 101.201(a)(2)(F) 30 TAC Chapter 101, SubChapter F 101.201(a)(2)(G) 30 TAC Chapter 122, SubChapter B 122,143(4)

5C THSC Chapter 382 382.085(b)

O-01320, General Terms and Conditions OP

O-01320, Special Condition 2F OP O-01320, Special Condition 2I OP

O-01322, General Terms and Conditions OP

O-01322, Special Condition 2F OP O-01322, Special Condition 2I OP

O-02288, General Terms and Conditions OP

O-02288, Special Condition 2F OP O-02288, Special Condition 2I OP

Description:

Failure to properly submit an initial notification.

Date: 04/29/2010

(794975)

CN603603093

Classification: Moderate

Classification: Moderate

Classification: Moderate

Classification: Moderate

Self Report?

30 TAC Chapter 116, SubChapter B 116,115(c)

Citation:

30 TAC Chapter 122, SubChapter B 122,143(4)

5C THSC Chapter 382 382 085(b) Special Condition 1 PERMIT Special Condition 9 OP

Description:

Failure to comply with Volatile Organic Compound (VOC) emission limits during

tank car loading as permitted by the MAERT of permit 647B.

Date: 08/04/2010

(841088)

Self Report? NO

30 TAC Chapter 116, SubChapter B 116,115(c)

Citation:

30 TAC Chapter 122, SubChapter B 122,143(4)

5C THSC Chapter 382 382.085(b) Special Condition 12(A) PERMIT Special Condition 16 OP

Description:

Citation:

Failure to maintain average hourly concentration of NOx and CO within permitted

limits as permitted by SC 12(A) of NSR permit 19823.

Self Report?

30 TAC Chapter 116, SubChapter B 116.115(c)

30 TAC Chapter 122, SubChapter B 122.143(4)

5C THSC Chapter 382 382.085(b)

Special Condition 16 OP

Special Condition 24 (F) PERMIT

Description:

Citation:

Failure to maintain concentration limits of Benzene and Toluene in the

wastewater as permitted by SC 24(F) of NSR permit 19832 for the 4th quarter of

2009.

Self Report?

30 TAC Chapter 116, SubChapter B 116.115(c)

30 TAC Chapter 122, SubChapter B 122.143(4)

5C THSC Chapter 382 382.085(b) Special Condition 12 (B) PERMIT

Special Condition 16 OP

Description:

Failure to maintain CO concentration limits at 25 ppmvd as permitted by SC 12(B)

of NSR permit 19823.

Self Report? NO

Classification: Moderate

30 TAC Chapter 116, SubChapter B 116,115(c) Citation:

30 TAC Chapter 122, SubChapter B 122.143(4)

5C THSC Chapter 382 382.085(b) Special Condition 12 (C) PERMIT

Special Condition 16 OP

Description:

Failure to comply with emissions exceedance duration for maintenance, start-up

or shutdown as stated in SC 12(C) of NSR permit 19823.

Self Report? NO Citation:

Classification: Moderate

30 TAC Chapter 116, SubChapter B 116.115(c) 30 TAC Chapter 122, SubChapter B 122.143(4)

5C THSC Chapter 382 382.085(b) Special Condition 16 OP Special Condition 27 PERMIT

Description:

Failure to comply with the maximum firing rate for furnaces H-A3-3 and H-A3-2

as stated in SC 27 of NSR permit 19823.

Self Report?

Classification: Moderate

Page 35 of 40

Citation:

30 TAC Chapter 116, SubChapter B 116.115(c) 30 TAC Chapter 122, SubChapter B 122.143(4)

5C THSC Chapter 382 382.085(b) Special Condition 1 PERMIT Special Condition 16 OP

Description:

Failure to comply with the emissions limits as stated in the MAERT of NSR permit

Classification: Moderate

Classification: Moderate

Classification: Moderate

Classification: Moderate

Moderate

Moderate

Classification:

Self Report? Citation:

NO

30 TAC Chapter 116, SubChapter B 116.115(c)

30 TAC Chapter 122, SubChapter B 122.143(4)

5C THSC Chapter 382 382.085(b)

Special Condition 16 OP

Special Condition 5(B) PERMIT

Description:

Citation:

Failure to maintain CO concentration limits of 100 ppmvd as permitted by SC 5(B)

of NSR permit 16909.

Self Report?

30 TAC Chapter 116, SubChapter B 116.115(c)

30 TAC Chapter 122, SubChapter B 122.143(4)

5C THSC Chapter 382 382,085(b) Special Condition 16 OP Special Condition 5(A) PERMIT

Description:

Citation:

Failure to maintain average NOx emissions as permitted by SC 5(A) of NSR permit

16909,

Self Report?

30 TAC Chapter 116, SubChapter B 116.115(c)

30 TAC Chapter 122, SubChapter B 122.143(4)

5C THSC Chapter 382 382.085(b) Special Condition 16 OP Special Condition 4 PERMIT

Description:

Failure to maintain emissions limits of NOx and CO as permitted by SC 4 of NSR

permit 16909.

Date: 08/23/2010

(849069)

Self Report? NO Citation:

30 TAC Chapter 116, SubChapter B 116.115(c)

5C THSC Chapter 382 382.085(b) Special Condition 6(C)(iii) PERMIT

Description:

Failure to conduct daily stain tube testing to measure ammonia for the first 60

days of operating boiler H-K2-004.

Self Report? Citation:

30 TAC Chapter 116, SubChapter B 116.115(c)

5C THSC Chapter 382 382.085(b) Special Condition 17 OP

Special Condition 9(D) PERMIT

Description:

Failure to comply with Carbon monoxide (CO) emissions limits of 100 parts per million (ppm) from boilers H-K2-001 and H-K2-002 as permitted by SC 9(D) of

New Source Review (NSR) permit 20160.

Self Report?

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c) 30 TAC Chapter 122, SubChapter B 122.143(4)

40 CFR Chapter 63, SubChapter C, PT 63, SubPT FFFF 63.2515(b)

5C THSC Chapter 382 382.085(b)

Permit by Rule Registration 82543 PERMIT

Special Condition 17 OP

Description:

Failure to provide 60 day notification prior to conducting a performance test on

the biodiesel flare.

Self Report? NO Citation:

30 TAC Chapter 116, SubChapter B 116.115(c) 30 TAC Chapter 122, SubChapter B 122.143(4)

5C THSC Chapter 382 382.085(b) Special Condition 17 OP

Special Condition 4(D)(i) PERMIT

Description: Failure to comply with NOx emissions limits as permitted by SC4(D)(i) of Standard

Permit 83113, during the startup of boiler H-K2-004,

Self Report?

Classification: Moderate

Classification:

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)

30 TAC Chapter 122, SubChapter B 122.143(4)

5C THSC Chapter 382 382,085(b)

Special Condition 17 OP

Special Condition 4(D)(ii) PERMIT

Failure to comply with CO emissions limits as permitted by SC 4(D)(ii) of Standard Description:

Classification: Moderate

Classification: Moderate

Classification: Moderate

Permit 83113, during the startup of boiler H-K2-004.

Self Report? NO

Citation:

30 TAC Chapter 116, SubChapter B 116.115(c)

30 TAC Chapter 122, SubChapter B 122.143(4)

5C THSC Chapter 382 382.085(b) Special Condition 11(A)(4) PERMIT

Special Condition 17 OP

Description: Failure to comply with CO concentration emissions limits from boiler H-K2-003 as

permitted by SC 11(A)(4) of Permit 20160.

Self Report? NO

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)

30 TAC Chapter 122, SubChapter B 122,143(4) 5C THSC Chapter 382 382.085(b)

Special Condition 17 OP Special Condition 9(A) PERMIT

Description: Failure to maintain NOx emissions limits of 0.08 lb/MMBtu from boiler H-K2-001, as

permitted by SC 9(A) of permit 20160.

Self Report? Citation:

Classification: Moderate 30 TAC Chapter 116, SubChapter B 116.115(c)

30 TAC Chapter 122, SubChapter B 122.143(4)

5C THSC Chapter 382 382.085(b)

Special Condition 17 OP

Special Condition 4(B)(v) PERMIT

Description: Failure to maintain CO concentration emissions of 50 ppm from boiler H-K2-004,

as permitted by SC 4(B)(v) of permit 83113.

Self Report?

Classification: Moderate

30 TAC Chapter 116, SubChapter B 116.115(c) Citation: 30 TAC Chapter 122, SubChapter B 122.143(4)

5C THSC Chapter 382 382,085(b)

Special Condition 11(A)(1) PERMIT Special Condition 17 OP

Failure to maintain NOx emissions limits of 0.05 lb/MMBtu from boiler H-K2-003, as Description:

permitted by SC 11(A)(1) of permit 20160.

Date: 12/28/2010

(880492)CN603603093

Self Report? 30 TAC Chapter 116, SubChapter B 116.115(c) Citation:

30 TAC Chapter 122, SubChapter B 122.143(4)

5C THSC Chapter 382 382.085(b) Special Condition 10 OP Special Condition 8 PERMIT

Description:

Failure to maintain a minimum flow rate of 10 gallons per minute in the E6

scrubber.

Self Report?

NO

Citation:

Classification: Moderate 30 TAC Chapter 112, SubChapter A 112.3(c)

30 TAC Chapter 116, SubChapter B 116.115(c) 30 TAC Chapter 122, SubChapter B 122.143(4)

> 5C THSC Chapter 382 382,085(b) Special Condition 1 PERMIT

Special Condition 10 OP

Description: Failure to comply with the Sulfur dioxide emissions limits as permitted by SC 1

and the MAERT of permit 20134.

F. Environmental audits.

Notice of Intent Date: 11/07/2007 (708722)

Disclosure Date: 05/06/2009

Viol. Classification: Moderate

40 CFR Chapter 61, SubChapter C, PT 61, SubPT FF 61.345

Description: Failure to have a submerged fill for containers receiving pumped waste.

Viol. Classification: Moderate

Citation: 40 CFR Chapter 61, SubChapter C, PT 61, SubPT FF 61.346(b)(4)(iv)

Description: Failed to initially and quarterly visually inspect unburied sewers managing BWON waste.

Viol. Classification: Moderate

Citation: 40 CFR Chapter 61, SubChapter C, PT 61, SubPT FF 61.349(f)

40 CFR Chapter 61, SubChapter C, PT 61, SubPT FF 61.356(f)(1) 40 CFR Chapter 61, SubChapter C, PT 61, SubPT FF 61.356(f)(2)

40 CFR Part 61, Subpart FF 61.356(f)(3)

Description: Failure to demonstrate that control devices achieved benzene removal requirements, allowed either

engineering calculations or performance tests, and establish engineering calculations or performance

tests record keeping requirements.

Viol. Classification: Moderate

Citation: 40 CFR Chapter 61, SubChapter C, PT 61, SubPT FF 61.354(d)

Description: Failure to establish performance monitoring requirements for vapor phase carbon canister systems where

carbon is not regenerated on site.

Viol. Classification: Moderate

Citation: 40 CFR Chapter 61, SubChapter C, PT 61, SubPT FF 61.355(a)(1)

40 CFR Chapter 61, SubChapter C, PT 61, SubPT FF 61.355(a)(2)

40 CFR Chapter 61, SubChapter C, PT 61, SubPT FF 61.355(b)

Description: Failure to establish requirements for quantifying a waste's benzene quantity.

Viol. Classification: Moderate

Citation: 40 CFR Chapter 61, SubChapter C, PT 61, SubPT FF 61.355(b)(4)

Description: Failure to establish procedures for annualizing benzene quantity in turnaround wastes.

Viol. Classification: Moderate

Citation: 40 CFR Chapter 61, SubChapter C, PT 61, SubPT FF 61.355(c)

Description: Failure to routinely flow-weight average benzene concentration.

Viol. Classification: Moderate

Citation: 40 CFR Chapter 61, SubChapter C, PT 61, SubPT FF 61.355(h)(1)

Description: Failure to properly incorporate all phases in waste characterization.

Viol. Classification: Moderate

Citation: 40 CFR Chapter 61, SubChapter C, PT 61, SubPT FF 61.356(b)

Description: Failure to establish record keeping requirements for benzene quantifications.

Viol. Classification: Moderate

Citation: 40 CFR Chapter 61, SubChapter C, PT 61, SubPT FF 61.356(e)(1)

40 CFR Chapter 61, SubChapter C, PT 61, SubPT FF 61.356(e)(2) 40 CFR Chapter 61, SubChapter C, PT 61, SubPT FF 61.356(e)(3)

Description: Failure to establish requirements to demonstrate that the treatment processes or wastewater treatment

system has achieved benzene removal requirements and a failure to establish a certification regarding

design performance equipment.

Viol. Classification: Moderate

Citation: 40 CFR Chapter 61, SubChapter C, PT 61, SubPT FF 61.357(d)(1)

Description: Failed to certify that equipment needed to comply with the BWON was installed, inspected, and tested.

Notice of Intent Date: 11/16/2007 (611106)

Disclosure Date: 02/18/2008

Viol. Classification: Major

Rqmt Prov: PERMIT NSR 19823 PERMIT O2288

Description: Failure to amend Title V permit 02288 to indicate A3 unit is subject to MACT Subpart SS and YY, and

failure to amend NSR permit 18823 to indicate both MACT standards as being applicable.

Viol. Classification: Major

Rqmt Prov: PERMIT 02288 SC 18

Description: Failure to certify compliance with MACT XX and YY requirements in the annual report for 2006 for the A3

Unit.

Viol. Classification: Moderate

Citation: 40 CFR Chapter 63, SubChapter C, PT 63, SubPT YY 63.1110(e)

Description: Failure to submit a periodic report for MACT Subpart XX and YY for A3 Units.

Viol. Classification: Moderate
Rgmt Prov: PERMIT 56390 SC 7

Description: Failure to comply with permit condition for the removal of Heel from railcars.

Viol. Classification: Major

Rgmt Prov: PERMIT NSR 19823

PERMIT 02288

Description: Failure to amend permit O2288 For A3 Unit to indicate RSET0126 wash tank in now being used to store

wastewater or aromatic distillate.

Viol. Classification: Moderate Rgmt Prov: PERMIT 49247 SC 8.D

Description: Failure to maintain records related to emissions calculations for newly identified contaminants from

wastewater treatment plant.

Viol. Classification: Major

Rgmt Prov: PERMIT NSR 16909

PERMIT PSD-TX-780, SC 18.A and B

Description: Failure to amend permit to reflect permanent shutdown of boilers 5,6,7, and 8.

Viol. Classification: Minor

40 CFR Chapter 60, SubChapter C, PT 60, SubPT Db 60.49b(d)

Description: Failure to maintain records in regards to the amounts of each fuel combusted each day.

Viol. Classification: Major PERMIT 01322 Rgmt Prov:

PERMIT 02287

Description: Failure to amend Title V permit 01322. Specifically the current Title V permit authorization by reference by

emission unit section refers to the old C-4 unit's NSR permit 20485 and does not reference the current

PO/MTBE NSR permit 20160.

Viol. Classification: Major Rqmt Prov: PERMIT 02286

Description: Failure to comply with permit no. 20134.

Viol. Classification: Moderate

Citation: 40 CFR Chapter 60, SubChapter C, PT 60, SubPT NNN 60.660(c)(4)

Description: Failure to maintain records to demonstrate (TRE) index value for process vent E4FE456 (2nd DEA Tower)

in maintained at greater than 8.0.

Viol. Classification: Moderate

40 CFR Chapter 63, SubChapter C, PT 63, SubPT Y 63.567(j)(4) Citation:

Description: Failure to maintain annual emission calculations for marine loading tank vessel for 5 years,

Viol. Classification: Moderate

Rgmt Prov: PA NSR 42526 SC 7.A

Description: Failure to monitor VOC cooling tower water on a monthly basis with an air stripping system.

Viol. Classification: Moderate

30 TAC Chapter 122, SubChapter C 122.210(a) Citation:

Ramt Prov: PERMIT 0-02287

Description: Failure to update Title V permit O-02287, and O-02288 to reference PBR for abrasive blasting and surface

Notice of Intent Date: 07/19/2008 (700547)

Disclosure Date:

12/29/2008

Viol. Classification: Moderate

Ramt Prov: PERMIT 79802, SC 2.F

Description: Failure to maintain the pressure differential and to record vacuum readings every 15 minutes durring

loading operations

Viol. Classification: Moderate

Rqmt Prov: PERMIT 79802, SC 3.B

Description: Failure to calibrate the flare pilot flame in accordance with the manufacturer's recommendations for

calibration.

Viol. Classification: Moderate

Ramt Prov: PERMIT 79802, SC 3.D

Description: Failure to comply with permitted gas flow rates.

Viol. Classification: Moderate Rgmt Prov: PERMIT 79802 SC5.E

Description: Failure to conduct visual, Audible, olfactory inspections while loading cyclohexane.

Viol. Classification: Minor

Rgmt Prov: PERMIT 79802 SC2.B

Description: Failure to accuratly record start and end time data of loading emissions.

Notice of Intent Date: 03/25/2009 (743345)

No DOV Associated

Notice of Intent Date: 09/29/2009 (800608)

No DOV Associated

Notice of Intent Date: 10/25/2010 (877292)

No DOV Associated

G. Type of environmental management systems (EMSs).

N/A

H. Voluntary on-site compliance assessment dates.

N/A

I. Participation in a voluntary pollution reduction program.

N/A

J. Early compliance.

N/A

Sites Outside of Texas

N/A

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY



IN THE MATTER OF AN	S	DEFUKE ITE
ENFORCEMENT ACTION	§	
CONCERNING	§	
HUNTSMAN PETROCHEMICAL	§	TEXAS COMMISSION ON
LLC	§	
RN100219252	§	ENVIRONMENTAL QUALITY

AGREED ORDER DOCKET NO. 2011-0358-AIR-E

I. JURISDICTION AND STIPULATIONS

At its ______ agenda, the Texas Commission on Environmental Quality ("the Commission" or "TCEQ") considered this agreement of the parties, resolving an enforcement action regarding Huntsman Petrochemical LLC ("the Respondent") under the authority of Tex. Health & Safety Code ch. 382 and Tex. Water Code ch. 7. The Executive Director of the TCEQ, through the Enforcement Division, and the Respondent appear before the Commission and together stipulate that:

- 1. The Respondent owns and operates a petrochemical plant at 6001 Highway 366 in Port Neches, Jefferson County, Texas (the "Plant").
- 2. The Plant consists of one or more sources as defined in Tex. Health & Safety Code § 382.003(12).
- 3. The Commission and the Respondent agree that the Commission has jurisdiction to enter this Agreed Order, and that the Respondent is subject to the Commission's jurisdiction.
- 4. The Respondent received notice of the violations alleged in Section II ("Allegations") on or about February 19, 2011.
- 5. The occurrence of any violation is in dispute and the entry of this Agreed Order shall not constitute an admission by the Respondent of any violation alleged in Section II ("Allegations"), nor of any statute or rule.
- 6. An administrative penalty in the amount of Twenty Thousand Dollars (\$20,000) is assessed by the Commission in settlement of the violations alleged in Section II

("Allegations"). The Respondent has paid Eight Thousand Dollars (\$8,000) of the administrative penalty and Four Thousand Dollars (\$4,000) is deferred contingent upon the Respondent's timely and satisfactory compliance with all the terms of this Agreed Order. The deferred amount will be waived upon full compliance with the terms of this Agreed Order. If the Respondent fails to timely and satisfactorily comply with all requirements of this Agreed Order, the Executive Director may require the Respondent to pay all or part of the deferred penalty. Eight Thousand Dollars (\$8,000) shall be conditionally offset by Respondent's completion of a Supplemental Environmental Project ("SEP").

- 7. Any notice and procedures, which might otherwise be authorized or required in this action, are waived in the interest of a more timely resolution of the matter.
- 8. The Executive Director of the TCEQ and the Respondent have agreed on a settlement of the matters alleged in this enforcement action, subject to the approval of the Commission.
- 9. The Executive Director recognizes that the Respondent has implemented the following corrective measures at the Plant:
 - a. By October 14, 2010, in order to prevent recurrence of incidents due to the same causes as those that caused Incident No. 144824:
 - i. Updated operating procedures to manually control the set point on the Low Recycle Flow Reabsorber Vent Trip so that it trips at a higher level; and
 - ii. Implemented split range level control on the reabsorber bottoms and synchronized the return wash water flow before the purification system is restarted.
 - b. By February 23, 2011, in order to prevent recurrence of incidents due to the same causes as those that caused Incident No. 148053:
 - i. Modified the Distributed Control System logic to change the boiler feed water auto start strategy to 90% of the boiler feed water controller output;
 - ii. Modified the calculation blocks to show the boiler feed water pump capabilities which, in turn, more accurately reflects the spare capacity; and
 - iii. Refurbished and calibrated the boiler feed water valve for full stroke.
- 10. The Executive Director may, without further notice or hearing, refer this matter to the Office of the Attorney General of the State of Texas ("OAG") for further enforcement proceedings if the Executive Director determines that the Respondent has not complied with one or more of the terms or conditions in this Agreed Order.

- 11. This Agreed Order shall terminate five years from its effective date or upon compliance with all the terms and conditions set forth in this Agreed Order, whichever is later.
- 12. The provisions of this Agreed Order are deemed severable and, if a court of competent jurisdiction or other appropriate authority deems any provision of this Agreed Order unenforceable, the remaining provisions shall be valid and enforceable.

II. ALLEGATIONS

As owner and operator of the Plant, the Respondent is alleged to have:

- 1. Failed to prevent unauthorized emissions, in violation of 30 Tex. Admin. Code §§ 116.115(b)(2)(F) and (c) and 122.143(4), Federal Operating Permit No. O-01320, Special Conditions No. 15, New Source Review Permit No. 5972A, Special Conditions No. 1, and Tex. Health & Safety Code § 382.085(b), as documented during a record review conducted on December 17, 2010. Specifically, unauthorized emissions of 121 pounds ("lbs") of the volatile organic compound ("VOC") ethylene and 9 lbs of ethylene glycol were released from the F4 Incinerator Waste Gas Vent and 26 lbs of ethylene oxide were released from the F4 Reabsorber Vent in the F4 Ethylene Oxide Unit when an operator closed the valves that send material from the reabsorber to the refining column to 18% instead of 35% resulting in an avoidable emissions event (Incident No. 144824) that occurred on September 14, 2010 and lasted 22 minutes. Since this event could have been avoided by better operational practices, the demonstrations in 30 Tex. Admin. Code § 101.222 necessary to present an affirmative defense were not met.
- 2. Failed to prevent unauthorized emissions, in violation of 30 Tex. Admin. Code §§ 116.115(b)(2)(F) and (c) and 122.143(4), Federal Operating Permit No. 0-02288, Special Conditions No. 19, New Source Review Permit No. 19823, Special Conditions No. 1, and Tex. Health & Safety Code § 382.085(b), as documented during a record review conducted on January 5, 2011. Specifically, unauthorized emissions of 1,286.94 lbs of the VOC ethylene and 43.75 lbs of carbon monoxide were released from Flare 3, Emissions Point Number UER037, in the A3 Ethylene Unit when house console operators mistakenly shut down Boiler HK-003 while attempting to bring Boiler HK-004 on-line resulting in an avoidable emissions event (Incident No. 148053) that occurred on December 1, 2010 and lasted one hour and 50 minutes. Since this event could have been avoided by better operational practices, the demonstrations in 30 Tex. Admin. Code § 101.222 necessary to present an affirmative defense were not met.

III. DENIALS

The Respondent generally denies each allegation in Section II ("Allegations").

IV. ORDERING PROVISIONS

1. It is, therefore, ordered by the TCEQ that the Respondent pay an administrative penalty as set forth in Section I, Paragraph 6 above. The payment of this administrative penalty and the Respondent's compliance with all the terms and conditions set forth in this Agreed Order resolve only the allegations in Section II. The Commission shall not be constrained in any manner from requiring corrective action or penalties for violations which are not raised here. Administrative penalty payments shall be made payable to "TCEQ" and shall be sent with the notation "Re: Huntsman Petrochemical LLC, Docket No. 2011-0358-AIR-E" to:

Financial Administration Division, Revenues Section Attention: Cashier's Office, MC 214 Texas Commission on Environmental Quality P.O. Box 13088 Austin, Texas 78711-3088

- 2. The Respondent shall implement and complete a SEP in accordance with Tex. Water Code § 7.067. As set forth in Section I, Paragraph 6 above, Eight Thousand Dollars (\$8,000) of the assessed administrative penalty shall be offset with the condition that the Respondent implement the SEP defined in Attachment A, incorporated herein by reference. The Respondent's obligation to pay the conditionally offset portion of the administrative penalty assessed shall be discharged upon final completion of all provisions of the SEP agreement.
- 3. The provisions of this Agreed Order shall apply to and be binding upon the Respondent. The Respondent is ordered to give notice of the Agreed Order to personnel who maintain day-to-day control over the Plant operations referenced in this Agreed Order.
- 4. If the Respondent fails to comply with any of the Ordering Provisions in this Agreed Order within the prescribed schedules, and that failure is caused solely by an act of God, war, strike, riot, or other catastrophe, the Respondent's failure to comply is not a violation of this Agreed Order. The Respondent shall have the burden of establishing to the Executive Director's satisfaction that such an event has occurred. The Respondent shall notify the Executive Director within seven days after the Respondent becomes aware of a delaying event and shall take all reasonable measures to mitigate and minimize any delay.
- 5. The Executive Director may grant an extension of any deadline in this Agreed Order or in any plan, report, or other document submitted pursuant to this Agreed Order, upon a written and substantiated showing of good cause. All requests for extensions by the Respondent shall be made in writing to the Executive Director. Extensions are not effective until the Respondent receives written approval from the Executive Director. The determination of what constitutes good cause rests solely with the Executive Director.
- 6. This Agreed Order, issued by the Commission, shall not be admissible against the Respondent in a civil proceeding, unless the proceeding is brought by the OAG to: (1)

Huntsman Petrochemical LLC DOCKET NO. 2011-0358-AIR-E Page 5

enforce the terms of this Agreed Order; or (2) pursue violations of a statute within the Commission's jurisdiction, or of a rule adopted or an order or permit issued by the Commission under such a statute.

- This Agreed Order may be executed in separate and multiple counterparts, which 7. together shall constitute a single instrument. Any page of this Agreed Order may be copied, scanned, digitized, converted to electronic portable document format ("pdf"), or otherwise reproduced and may be transmitted by digital or electronic transmission, including but not limited to facsimile transmission and electronic mail. Any signature affixed to this Agreed Order shall constitute an original signature for all purposes and may be used, filed, substituted, or issued for any purpose for which an original signature could be used. The term "signature" shall include manual signatures and true and accurate reproductions of manual signatures created, executed, endorsed, adopted, or authorized by the person or persons to whom the signatures are attributable. Signatures may be copied or reproduced digitally, electronically, by photocopying, engraving, imprinting, lithographing, electronic mail, facsimile transmission, stamping, or any other means or process which the Executive Director deems acceptable. In this paragraph exclusively, the terms "electronic transmission", "owner", "person", "writing", and "written" shall have the meanings assigned to them under TEX. BUS. ORG, CODE § 1,002.
- 8. Under 30 Tex. Admin. Code § 70.10(b), the effective date is the date of hand-delivery of the Order to the Respondent, or three days after the date on which the Commission mails notice of the Order to the Respondent, whichever is earlier. The Chief Clerk shall provide a copy of this Agreed Order to each of the parties.

Huntsman Petrochemical LLC DOCKET NO. 2011-0358-AIR-E Page 6

SIGNATURE PAGE

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

For the Commission	
Hor the Executive Director	Date 6 17 2011
I, the undersigned, have read and understand the agree to the attached Agreed Order on behalf of do agree to the terms and conditions specified the accepting payment for the penalty amount, is mat	the entity indicated below my signature, and I erein. I further acknowledge that the TCEQ, in
additional penalties, and/or attorney fees,Increased penalties in any future enforcer	may result in: s submitted; eneral's Office for contempt, injunctive relief, or to a collection agency; nent actions; cal's Office of any future enforcement actions; v law.
Jalan Magan Signature	4-12-11 Date
Name (Printed or typed) Authorized Representative of Huntsman Petrochemical LLC	Dir of MG, PNIP Title

Instructions: Send the original, signed Agreed Order with penalty payment to the Financial Administration Division, Revenues Section at the address in Section IV, Paragraph 1 of this Agreed Order.

Attachment A Docket Number: 2011-0358-AIR-E

SUPPLEMENTAL ENVIRONMENTAL PROJECT

Respondent: Huntsman Petrochemical LLC

Penalty Amount: Sixteen Thousand Dollars (\$16,000)

SEP Offset Amount: Eight Thousand Dollars (\$8,000)

Type of SEP: Contribution to Pre-Approved SEP

Third-Party Recipient: Texas Air Research Center

Project Name: Flare Minimization and Air Quality Modeling

Location of SEP: Jefferson County

The Texas Commission on Environmental Quality ("TCEQ") agrees to offset a portion of the administrative Penalty Amount assessed in this Agreed Order for Respondent to contribute to a Supplemental Environmental Project ("SEP"). The offset is equal to the SEP Offset Amount set forth above and is conditioned upon completion of the project in accordance with the terms of this Attachment A.

1. Project Description

A. Project

Respondent shall contribute the SEP Offset Amount to the Third-Party Recipient named above. The contribution will be to **Texas Air Research Center** for the *Flare Minimization and Air Quality Modeling* project. The contribution will be used in accordance with the Supplemental Environmental Project executed on October 30, 2009, between the Third-Party Recipient and the TCEQ (the "Project"). Specifically, the SEP Offset Amount will be used for advanced modeling involving utilizing optimization and plant-wide dynamic simulation to cause reductions in flaring during turnaround operations at industrial facilities. Flaring during turnaround operations (startups and shutdowns) at industrial facilities is a substantial source of both volatile organic compounds (VOCs) and highly reactive volatile organic compounds (HRVOCs), and flaring results in considerable loss of energy and resources. Reductions in VOC and HRVOC emissions are expected to occur primarily through reducing the duration of turnarounds and through recycling or reuse of materials that would otherwise be flared.

All dollars contributed will be used solely for the direct cost of the Project and no portion will be spent on administrative costs. The SEP will be done in accordance with all federal, state, and local environmental laws and regulations.

Respondent's signature affixed to this Agreed Order certifies that it has no prior commitment to make this contribution and that it is being contributed solely in an effort

Huntsman Petrochemical LLC Agreed Order - Attachment A

to settle this enforcement action. Respondent shall not profit in any manner from this SEP.

B. Environmental Benefit

This SEP will directly benefit the environment by reducing emissions into the airshed, thereby improving air quality for the community. This SEP will indirectly benefit the environment by conserving energy and resources through reuse and recycling. The SEP will provide information regarding potential viable air emission reductions strategies that will result in improvement of air quality. This SEP will also provide scientific insights regarding how emissions and meteorological conditions affect the air quality in the airshed.

C. Minimum Expenditure

Respondent shall contribute at least the SEP Offset Amount to the Third-Party Recipient and comply with all other provisions of this SEP.

2. Performance Schedule

Within 30 days after the effective date of this Agreed Order, Respondent must contribute the SEP Offset Amount to the Third-Party Recipient. Respondent shall mail a copy of the Agreed Order with the contribution to:

> Texas Air Research Center at Lamar University Attention: George Talbert, Director P.O. Box 10613 Beaumont, Texas 77710

3. Records and Reporting

Concurrent with the payment of the SEP Offset Amount, Respondent shall provide the Enforcement SEP Coordinator with a copy of the check and transmittal letter indicating full payment of the SEP Offset Amount to the Third-Party Recipient. Respondent shall mail a copy of the check and transmittal letter to:

Texas Commission on Environmental Quality Enforcement Division Attention: SEP Coordinator, MC 219 P.O. Box 13087 Austin, Texas 78711-3087

4. Failure to Fully Perform

If Respondent does not perform its obligations under this SEP in any way, including full expenditure of the SEP Offset Amount and submittal of the required reporting described in Sections 2 and 3 above, the Executive Director ("ED") may require immediate payment of all or part of the SEP Offset Amount.

In the event the ED determines that Respondent failed to complete the project, Respondent shall remit payment for all or a portion of the SEP Offset Amount, as determined by the ED, and shall include on the check the docket number of this Agreed Order and a note that it is for reimbursement of a SEP. Respondent shall make the check payable to "Texas Commission on Environmental Quality" and shall mail it to:

Texas Commission on Environmental Quality Litigation Division Attention: SEP Coordinator, MC 175 P.O. Box 13087 Austin, Texas 78711-3087

5. Publicity

Any public statements concerning this SEP and/or project, made by or on behalf of Respondent must include a clear statement that **the project was performed as part of the settlement of an enforcement action brought by the TCEQ**. Such statements include advertising, public relations, and press releases.

6. Clean Texas Program

Respondent shall not include this SEP in any application made to TCEQ under the "Clean Texas" (or any successor) program(s). Similarly, Respondent may not seek recognition for this contribution in any other state or federal regulatory program.

7. Other SEPs by TCEQ or Other Agencies

The SEP Offset Amount identified in this Agreed Order has not been, and shall not be, included as a SEP for Respondent under any other Agreed Order negotiated with the TCEQ or any other agency of the state or federal government.

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